

DAILY STAGES FOR 1993

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928,700 SQUARE MILES. LOW WATER REFERENCE PLANE, MINUS 2.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 10.00 FEET ON JUL. 11 AND 12, 1988.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	21.6	24.1	20.1	29.4	29.9	16.8	18.1	29.9	20.0	24.8	E 11.9	22.0
2	21.1	23.7	20.5	29.9	29.9	E 16.1	18.3	E 30.2	19.5	25.1	E 11.4	20.9
3	19.5	23.0	20.5	30.3	30.1	E 15.7	18.8	E 30.3	18.8	E 25.8	E 10.7	20.3
4	19.1	21.1	20.0	31.3	30.3	E 15.3	19.1	30.4	18.6	26.2	E 10.2	21.0
5	19.2	20.5	19.9	31.6	30.5	E 15.2	19.3	30.7	18.6	26.3	E 10.0	21.6
6	19.9	18.4	19.4	32.0	30.8	15.0	20.0	30.9	18.3	26.4	E 9.9	22.1
7	21.5	17.6	21.0	32.0	31.0	15.5	21.1	30.4	18.3	26.3	E 10.0	22.8
8	22.4	16.3	22.2	32.3	31.1	15.9	22.0	30.5	18.1	26.0	E 9.9	23.5
9	24.9	14.8	24.2	32.9	31.1	16.3	23.0	30.4	18.5	E 25.3	E 9.7	23.6
10	26.1	13.7	25.8	33.0	31.3	16.9	23.9	30.1	19.0	E 24.3	E 9.4	23.9
11	26.6	E 12.9	26.8	33.2	31.5	17.8	24.3	30.0	18.8	E 23.0	E 9.8	24.1
12	26.9	E 12.2	27.7	33.2	31.1	19.8	25.0	29.9	18.6	21.3	E 9.8	24.9
13	26.8	E 11.9	28.8	33.3	30.5	19.9	25.4	29.6	18.5	19.4	E 9.3	25.0
14	26.5	E 11.6	29.3	33.2	29.8	20.3	25.7	29.5	18.3	17.6	E 9.0	25.5
15	26.0	E 11.4	30.0	33.1	29.3	20.3	26.0	29.3	18.0	E 16.0	E 9.1	25.5
16	25.5	E 11.6	30.3	33.0	28.8	20.3	26.4	29.1	17.6	E 14.7	E 9.1	25.4
17	24.8	E 11.8	30.4	32.6	27.5	20.3	26.7	28.9	17.6	E 13.7	E 13.9	24.9
18	24.2	E 12.1	30.5	32.0	26.7	20.3	27.0	28.8	17.6	E 13.0	E 19.4	23.9
19	24.0	12.5	30.5	31.8	25.6	20.3	27.2	28.5	18.0	E 12.7	E 22.6	21.6
20	23.7	13.0	E 30.2	31.8	E 24.9	19.5	27.5	28.3	18.0	E 12.5	E 24.5	20.9
21	23.8	13.6	29.4	31.6	E 24.4	18.9	28.0	28.0	18.5	E 12.5	E 25.8	19.8
22	23.6	13.8	28.3	31.8	E 24.2	17.8	28.2	E 27.8	18.8	E 12.3	26.7	18.8
23	23.3	14.8	27.0	31.9	E 24.1	16.8	28.8	E 27.5	19.1	E 12.9	27.2	17.8
24	23.2	16.5	25.6	31.8	E 23.6	16.5	29.1	E 27.0	20.0	E 14.2	27.4	16.5
25	22.9	17.3	24.9	31.8	E 22.8	16.5	29.3	E 26.3	21.1	E 14.8	27.1	16.0
26	22.7	18.0	24.5	31.6	E 21.9	16.5	29.6	25.7	22.3	E 14.8	26.8	15.3
27	22.7	18.8	25.5	31.3	E 20.9	17.0	29.9	24.5	23.2	E 14.6	26.1	14.3
28	23.2	20.0	26.1	30.8	E 19.8	17.0	29.8	23.6	23.9	E 14.0	25.4	13.6
29	23.7		27.4	30.3	E 18.6	17.6	29.5	22.2	24.1	E 13.4	24.1	12.4
30	24.2		28.2	30.0	E 17.7	18.0	29.6	21.8	24.6	E 12.7	23.0	E 11.4
31	24.4		29.1		17.0		29.8	20.9		E 12.1		E 10.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	23.45	15.96	25.94	31.81	26.66	17.66	25.35	28.10	19.48	18.33	16.61	20.27
MAX.	26.9	24.1	30.5	33.3	31.5	20.3	29.9	30.9	24.6	26.4	27.4	25.5
MIN.	19.1	11.4	19.4	29.4	17.0	15.0	18.1	20.9	17.6	12.1	9.0	10.0

E- ESTIMATED.

HIGHEST STAGE WAS 33.26 ON APR. 13.

LOWEST STAGE WAS 8.96 ON NOV. 14.

DAILY STAGES FOR 1992

19

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928,700 SQUARE MILES. LOW WATER REFERENCE PLANE, MINUS 2.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 10.00 FEET ON JUL. 11 AND 12, 1988.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13.9	E 9.5	14.1	18.6	21.5	3.1	E 4.0	17.6	2.0	11.6	0.8	24.7
2	13.6	E 9.2	14.5	E 17.7	20.9	3.7	E 3.6	18.5	3.0	10.9	0.8	24.5
3	13.5	E 8.3	15.8	E 17.9	20.5	4.5	E 3.0	19.7	4.5	9.9	0.0	24.2
4	13.5	E 7.4	16.4	18.4	18.0	4.9	E 2.7	20.0	E 5.8	8.6	-0.1	23.8
5	14.0	E 6.4	16.7	18.9	16.6	5.5	E 2.5	19.9	6.1	7.0	0.0	23.0
6	14.0	E 5.4	16.1	18.6	15.6	5.6	E 2.7	19.5	5.5	5.2	0.8	21.5
7	14.6	E 4.3	15.6	17.6	14.6	5.9	E 4.4	18.8	3.2	3.9	1.5	20.1
8	15.8	E 3.4	14.1	16.7	13.8	6.1	E 5.5	17.8	1.9	3.0	2.4	18.6
9	16.5	E 2.9	13.2	16.0	13.0	6.5	E 6.3	17.4	1.0	2.0	E 4.3	16.3
10	16.3	E 2.5	13.0	14.9	12.9	6.9	E 6.5	15.7	0.9	0.9	6.4	15.0
11	15.9	E 2.0	12.4	E 13.8	12.3	E 7.4	E 6.1	14.6	1.4	0.8	7.9	13.5
12	14.9	1.4	13.0	E 12.7	11.9	E 7.7	E 5.4	14.0	1.8	0.7	8.7	12.3
13	13.9	1.0	15.0	E 11.7	11.5	E 8.2	E 5.0	13.6	2.0	0.5	9.2	11.0
14	13.6	0.6	18.1	E 10.9	E 11.3	E 8.4	E 5.4	12.9	2.8	0.0	10.0	E 10.5
15	13.0	E 0.7	20.4	E 10.2	E 11.4	E 8.5	E 6.5	12.0	3.6	-0.3	11.7	E 10.6
16	E 12.0	0.4	20.8	E 9.4	E 11.2	E 8.4	E 7.5	11.0	4.8	-0.5	12.5	E 11.1
17	E 10.9	0.6	21.8	E 8.8	E 10.6	E 7.8	E 7.8	10.5	5.1	-0.5	14.0	E 11.6
18	E 10.5	2.0	E 22.3	E 8.5	E 9.7	E 6.4	7.8	9.4	5.2	1.0	15.6	12.5
19	E 11.0	E 3.9	22.4	E 8.6	E 8.2	4.7	8.0	8.3	4.8	1.5	15.9	14.3
20	11.4	E 5.8	21.8	E 9.1	E 6.9	3.5	10.5	7.7	4.3	2.0	15.8	18.0
21	11.0	E 7.5	21.5	E 10.1	E 6.1	3.0	13.6	7.3	3.9	2.7	15.6	19.4
22	E 10.4	E 9.1	21.5	11.9	E 5.6	4.3	14.5	6.7	4.1	2.9	15.4	21.2
23	E 9.4	10.2	21.4	13.6	E 5.1	7.0	15.0	E 6.1	4.7	3.3	15.3	22.8
24	E 7.9	11.2	21.9	E 16.1	E 4.8	9.0	14.8	E 5.3	6.3	3.9	15.6	24.1
25	E 6.5	12.2	23.0	E 17.9	E 4.8	9.0	14.4	E 3.9	7.2	3.5	17.8	24.8
26	E 5.3	12.9	23.6	19.5	4.9	8.4	13.5	E 2.4	9.4	2.9	21.4	25.0
27	E 4.7	13.4	23.9	20.4	5.0	6.7	14.0	E 1.4	10.9	2.1	22.7	24.7
28	E 4.7	13.5	23.8	21.0	4.9	6.0	14.1	1.3	11.6	1.5	24.0	E 23.9
29	E 5.3	14.0	23.0	21.7	4.5	5.0	14.5	1.7	12.1	1.2	24.5	23.2
30	E 6.9	22.1	21.7	4.3	4.2	15.4	1.5	12.1	1.5	24.6	22.7	
31	E 8.7	20.5		3.6		16.5	1.8		1.2			22.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	11.41	6.26	18.80	15.08	10.50	6.20	8.75	10.89	5.05	3.05	11.15	19.04
MAX.	16.5	14.0	23.9	21.7	21.5	9.0	16.5	20.0	12.1	11.6	24.6	25.0
MIN.	4.7	0.4	12.4	8.5	3.6	3.0	2.5	1.3	0.9	-0.5	-0.1	10.5

E- ESTIMATED.

HIGHEST STAGE WAS 24.96 ON DEC 26.

LOWEST STAGE WAS -0.50 ON OCT 16 AND 17.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928.700 SQUARE MILES. LOW WATER REFERENCE PLANE, MINUS 2.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 10.00 FEET ON JUL. 11 AND 12, 1988.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	34.1	16.9	31.2	28.1	23.5	24.1	10.8	1.1	-3.5	E -1.4	E -2.9	7.0
2	34.4	15.0	31.6	28.6	22.8	24.1	10.4	0.9	-3.0	E -1.8	E -2.1	6.6
3	35.2	14.5	31.6	29.2	21.9	23.3	9.2	0.5	-2.9	E -2.1	E -1.5	8.3
4	35.9	14.3	31.4	30.0	21.4	22.0	8.8	0.2	-2.7	E -2.3	E -1.2	10.0
5	36.5	14.2	31.0	30.5	21.0	20.6	8.3	0.0	-2.7	E -2.4	E -1.0	15.7
6	37.0	15.1	30.1	30.7	20.4	19.4	7.7	E -0.7	-2.5	E -2.8	E -0.4	20.1
7	37.5	15.3	29.7	30.6	19.9	18.2	7.4	E -1.0	-2.1	-3.0	E 0.3	22.3
8	37.5	15.7	26.8	30.5	20.2	17.4	7.2	E -1.1	-1.5	-3.0	E 0.8	24.1
9	37.3	16.7	25.1	30.0	20.3	16.3	6.9	E -1.3	-1.9	E -2.5	E 0.8	25.7
10	37.3	18.7	23.9	29.2	21.4	15.6	E 6.5	E -1.4	-2.0	E -1.5	E 1.0	26.8
11	37.4	19.5	23.2	27.5	21.9	15.0	E 5.8	E -1.5	-2.5	E -1.0	E 1.4	26.7
12	37.3	20.8	22.7	25.3	22.5	14.2	E 6.0	E -1.0	-3.5	E -1.1	E 1.5	26.7
13	37.0	21.6	22.7	23.4	23.1	E 13.5	E 7.1	E 0.0	-4.0	E -1.5	E 1.3	26.6
14	37.0	22.3	22.6	22.6	23.4	E 12.4	8.3	E 0.0	-3.8	E -1.9	E 0.9	25.1
15	37.0	22.6	22.4	22.5	23.3	E 12.0	9.5	E 0.0	-3.5	E -2.5	E 0.6	24.1
16	36.9	22.6	22.0	22.4	22.8	E 12.0	9.5	E 0.0	-3.0	E -3.2	E 0.5	23.6
17	36.5	23.0	21.5	23.0	22.4	E 12.3	8.6	E 0.0	-3.2	-4.0	E 0.6	22.6
18	36.3	23.5	21.3	23.9	22.3	E 12.2	7.8	E -0.2	-3.1	-4.5	E 0.7	22.1
19	35.8	24.0	21.3	25.4	22.0	E 11.8	7.8	E -0.5	E -2.5	-4.8	E 0.5	22.0
20	35.3	24.1	21.5	26.0	21.7	E 11.9	6.9	E -0.6	E -2.2	-5.0	E 1.9	21.9
21	34.4	24.7	21.8	26.4	20.7	E 12.3	5.7	E -0.6	E -2.1	-5.5	1.6	20.3
22	33.9	25.8	22.1	27.1	20.3	E 12.7	5.0	E -0.5	E -2.0	-5.7	2.3	E 19.0
23	33.0	27.1	22.3	28.1	19.8	E 12.9	4.5	E -0.4	E -1.8	-5.7	3.5	17.3
24	32.2	28.4	23.5	28.3	19.0	E 13.0	3.5	E 0.0	E -1.6	-5.6	4.5	16.1
25	30.8	29.0	24.0	28.0	18.6	E 13.1	2.5	-0.2	E -1.5	-5.6	5.3	15.3
26	29.5	29.8	24.9	27.9	17.9	E 12.7	2.0	-0.4	E -1.7	-5.5	6.2	13.7
27	27.2	30.5	25.4	27.4	17.0	E 12.2	1.7	-0.8	E -1.9	-5.4	8.0	13.4
28	25.8	30.9	25.9	26.0	17.2	E 11.7	1.7	-1.2	E -1.9	-4.9	9.3	13.0
29	23.7		26.8	25.6	18.0	E 11.3	1.5	-1.3	E -1.4	-4.5	9.2	13.9
30	21.1		27.3	24.5	20.4	E 11.1	1.3	-1.3	E -1.0	-4.2	8.3	14.0
31	19.9		27.8		22.7		1.0	-1.5		-3.8		14.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	33.57	21.68	25.35	26.97	20.98	15.05	6.15	-0.48	-2.43	-3.50	2.06	18.63
MAX.	37.5	30.9	31.6	30.7	23.5	24.1	10.8	1.1	-1.0	-1.0	9.3	26.8
MIN.	19.9	14.2	21.3	22.4	17.0	11.1	1.0	-1.5	-4.0	-5.7	-2.9	6.6

E- ESTIMATED.

HIGHEST STAGE WAS 37.47 ON JAN 7 AND 8.
LOWEST STAGE WAS -5.70 ON OCT 22 AND 23.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928,700 SQUARE MILES. LOW WATER REFERENCE PLANE, MINUS 2.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 10.00 FEET ON JUL. 11 AND 12, 1988.

DAILY EIGHT A. M. STAGE IN FEET GAGE ZERO, 183.91 FEET, N. G. V. D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-2.7	18.0	32.2	18.8	15.4	31.4	18.6	11.6	8.0	2.0	10.3	4.4
2	-2.5	18.4	31.9	18.3	14.5	31.6	18.4	10.7	E 7.9	1.6	9.9	5.2
3	-1.3	19.0	31.1	17.8	13.8	31.8	18.0	9.7	8.0	1.0	8.7	6.3
4	1.3	21.1	29.7	16.4	13.0	31.9	17.9	E 9.7	7.9	1.0	7.0	7.3
5	5.1	22.1	27.2	15.8	12.9	31.9	17.5	E 10.1	7.6	0.4	E 5.3	7.6
6	9.5	23.9	24.8	15.1	13.3	31.8	16.9	E 9.7	7.0	0.0	E 3.7	8.5
7	13.4	24.4	21.4	13.9	13.9	31.6	16.3	E 9.2	6.6	0.5	2.9	10.5
8	15.3	26.5	20.6	12.2	14.7	31.2	15.4	E 9.0	6.0	1.0	2.4	12.1
9	16.6	27.3	19.8	11.7	16.9	30.7	14.9	8.8	6.4	2.0	2.5	14.5
10	17.3	28.3	18.4	11.4	19.0	30.2	14.5	9.0	6.3	2.5	2.6	15.1
11	17.7	28.3	17.6	10.7	20.1	29.3	14.0	9.7	5.9	2.9	2.8	15.3
12	17.5	28.9	16.8	10.9	20.5	28.6	13.9	9.7	5.7	3.2	2.8	15.0
13	16.8	29.0	16.4	11.3	20.1	27.9	E 13.7	9.3	6.0	E 4.1	3.0	14.5
14	15.3	29.2	15.9	12.0	19.0	26.9	E 13.4	8.4	5.8	E 4.8	3.5	13.0
15	14.2	29.4	16.0	12.8	18.0	26.0	E 13.5	7.7	E 4.8	E 5.5	E 4.5	11.4
16	13.1	30.3	16.9	13.2	17.5	25.3	E 13.6	7.2	3.8	E 5.3	E 5.5	9.6
17	12.3	30.5	17.4	13.8	18.9	22.4	E 13.7	6.5	3.6	E 5.6	6.1	8.4
18	11.4	30.9	18.2	15.0	19.4	21.9	E 13.9	5.9	3.6	E 6.5	6.1	8.4
19	10.8	31.1	20.4	15.6	21.4	21.0	14.5	5.5	3.0	E 7.8	5.9	9.0
20	9.3	31.5	22.4	16.0	24.4	E 20.0	15.2	5.3	2.8	E 9.0	E 5.6	10.3
21	8.4	31.8	23.9	16.1	26.4	E 19.6	15.4	4.9	2.5	E 9.5	E 5.2	15.2
22	9.3	32.4	24.9	15.5	28.2	20.2	15.4	4.8	2.1	E 9.6	E 4.3	20.1
23	11.9	32.5	25.5	14.8	29.0	19.8	15.4	5.2	E 2.0	E 9.0	3.3	22.8
24	14.3	32.5	25.8	14.3	30.1	19.5	15.2	6.2	2.8	E 8.5	2.6	26.0
25	16.1	32.5	25.8	14.3	30.6	19.3	14.9	7.3	2.5	E 8.4	E 2.1	27.4
26	17.2	32.5	25.6	14.6	31.3	19.0	14.4	8.0	E 2.2	E 8.6	E 2.0	28.6
27	17.8	32.4	25.1	14.9	31.4	19.0	14.1	8.9	E 2.1	E 9.1	E 2.5	30.0
28	18.3	32.3	24.0	15.9	31.4	19.3	14.2	9.7	2.3	E 9.5	E 3.5	31.2
29	18.9	22.4	16.2	31.4	19.0	14.3	10.0	2.4	E 9.7	E 3.9	32.0	
30	18.6	20.6	16.1	31.3	18.8	13.9	10.1	2.2	E 9.7	4.1	33.0	
31	E 18.4		19.6		31.3		12.8	9.9		10.0		33.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	12.25	28.12	22.55	14.52	21.92	25.24	15.10	8.30	4.65	5.42	4.49	16.32
MAX.	18.9	32.5	32.2	18.8	31.4	31.9	18.6	11.6	8.0	10.0	10.3	33.4
MIN.	-2.7	18.0	15.9	10.7	12.9	18.8	12.8	4.8	2.0	0.0	2.0	4.4

E- ESTIMATED.

HIGHEST STAGE WAS 33.38 ON DEC 31.

LOWEST STAGE WAS -2.70 ON JAN 1.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928,700 SQUARE MILES. LOW WATER REFERENCE PLANE, MINUS 2.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 10.00 FEET ON JUL. 11 AND 12, 1988.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	19.2	E 8.3	31.8	E 21.0	E 8.5	15.1	21.0	4.1	6.9	11.7	E 6.6	7.8
2	19.4	E 7.9	31.6	21.6	9.3	15.7	20.8	4.1	6.5	10.7	E 5.0	7.4
3	19.2	E 7.9	31.4	22.0	10.0	16.0	19.5	4.4	5.9	9.8	E 3.7	6.9
4	18.6	E 8.9	31.3	22.8	11.4	16.0	19.3	4.7	5.6	9.1	E 2.6	6.7
5	17.5	E 10.3	31.0	23.3	13.0	15.8	19.9	4.6	6.0	10.0	E 1.8	6.5
6	16.7	E 13.0	30.8	24.4	14.3	14.6	20.2	E 4.1	5.9	10.9	E 1.8	6.2
7	15.9	E 14.8	30.1	25.3	16.0	13.4	20.0	E 3.2	7.0	11.4	E 2.1	5.8
8	15.5	15.8	29.1	26.4	16.1	12.7	19.4	2.2	6.5	11.8	E 2.9	4.9
9	14.7	16.4	28.4	27.1	16.0	12.8	18.4	2.0	5.9	12.0	E 2.9	3.9
10	14.7	16.7	27.5	27.9	16.0	13.1	17.7	2.2	4.9	11.9	E 2.9	2.7
11	15.5	16.5	27.6	29.3	15.9	13.6	16.8	2.6	4.5	11.4	E 2.6	2.3
12	16.3	E 15.9	27.5	29.8	16.1	14.0	15.4	3.0	3.9	10.7	E 2.6	2.0
13	17.8	14.7	27.4	29.8	16.1	14.8	14.8	E 2.4	4.7	9.3	E 3.3	2.0
14	20.2	14.4	27.2	29.9	16.6	15.5	13.6	E 0.6	6.8	8.0	E 4.3	2.0
15	21.3	14.1	27.2	29.8	17.2	15.8	12.4	E -0.7	8.7	E 6.5	5.1	2.4
16	22.7	17.0	27.1	29.3	17.3	16.7	11.8	-1.7	10.8	E 5.3	5.9	2.4
17	23.8	21.0	27.1	28.6	17.6	17.6	11.1	-2.3	12.5	E 5.3	6.1	1.9
18	24.9	24.2	27.0	E 28.1	17.7	18.5	10.4	-2.8	12.8	E 4.5	6.2	1.5
19	25.8	26.0	26.4	E 27.2	17.8	19.5	10.1	-2.8	12.6	E 3.8	E 7.1	0.8
20	26.3	26.3	E 25.4	25.5	17.8	20.2	9.3	-2.8	12.6	E 3.7	9.0	0.5
21	26.5	27.2	24.0	22.7	17.9	20.8	7.8	-2.7	12.9	E 4.5	10.6	-0.2
22	26.3	27.8	E 22.1	19.6	17.5	21.3	6.1	-2.2	13.2	E 5.7	12.2	-0.7
23	26.0	28.2	E 20.3	16.2	17.0	21.6	5.2	-1.9	13.3	E 7.6	13.9	E -1.6
24	24.8	28.6	E 19.5	14.3	16.8	22.2	5.2	-1.5	13.1	9.7	14.2	E -1.8
25	E 23.8	29.8	E 19.6	12.6	16.5	22.6	5.5	-0.3	11.5	11.9	14.2	E -1.9
26	E 21.7	30.2	E 19.9	11.6	16.0	22.8	5.7	1.0	10.8	13.4	13.6	E -2.6
27	E 18.7	31.3	E 20.2	10.2	15.8	23.0	6.1	2.5	10.1	14.1	12.6	E -2.8
28	E 15.8	31.6	E 20.3	9.7	15.2	22.8	6.0	3.1	10.3	14.0	11.4	E -2.7
29	E 12.9		E 21.0	8.9	14.8	22.5	5.6	4.2	10.9	E 13.0	10.0	E -2.8
30	E 10.0		21.1	E 8.4	14.2	21.1	5.2	5.9	12.0	E 10.9	8.9	-3.3
31	E 8.8		21.1		14.6		4.9	6.5		E 8.7		-3.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	19.37	19.44	25.86	22.10	15.36	17.71	12.40	1.47	8.96	9.39	6.86	1.72
MAX.	26.5	31.6	31.8	29.9	17.9	23.0	21.0	6.5	13.3	14.1	14.2	7.8
MIN.	8.8	7.9	19.5	8.4	8.5	12.7	4.9	-2.8	3.9	3.7	1.8	-3.3

E- ESTIMATED.

HIGHEST STAGE WAS 31.75 ON MAR 1.
LOWEST STAGE WAS -3.30 ON DEC 30.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928,700 SQUARE MILES. LOW WATER REFERENCE PLANE, MINUS 2.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE, DEC. 1890 TO AUG. 1932 IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 6.80 FEET ON JAN. 20 AND 21, 1981.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	26.6	15.0	14.0	8.4	E 5.6	0.8	-9.4	E -6.9	-7.8	-3.0	-6.0	E 15.9
2	26.4	12.7	12.9	10.8	E 5.0	0.6	-9.3	E -7.0	-7.5	-2.5	-6.5	E 14.6
3	25.9	11.7	11.9	14.2	E 4.6	-1.4	-9.3	-7.8	-7.3	-2.4	-6.9	12.9
4	24.3	13.6	10.8	15.9	E 4.1	-3.4	-9.3	-8.4	-7.5	-3.3	-7.0	11.4
5	22.6	17.4	9.0	16.4	E 3.7	E -4.5	-9.2	-8.6	-7.8	-4.1	-7.3	9.8
6	21.0	20.4	E 8.8	16.5	E 3.4	E -5.0	-9.4	-8.7	-8.0	-5.0	-6.5	8.5
7	18.5	21.0	9.1	16.8	E 3.4	E -5.2	-9.6	-8.5	-8.0	-5.8	-6.3	E 7.3
8	E 16.8	22.0	11.2	17.5	E 3.2	E -5.2	-9.7	-8.3	-8.0	-6.3	-5.9	E 6.3
9	E 15.4	22.2	13.9	18.5	3.1	E -5.2	-9.9	-7.6	-7.9	-6.5	-5.0	E 5.0
10	E 14.6	22.2	15.9	19.2	3.2	E -5.7	-9.9	-7.0	-7.8	-6.2	-4.1	3.2
11	E 12.7	22.4	17.5	19.5	3.6	E -6.2	-10.0	-7.3	-7.5	-6.1	-3.0	0.8
12	8.0	22.4	18.5	19.6	4.0	E -6.5	-10.0	-8.0	-7.1	-6.2	-2.0	0.0
13	6.5	22.0	18.9	19.4	4.4	E -6.5	-8.8	-8.5	-7.4	-6.9	-1.2	-0.2
14	5.4	21.6	18.2	19.2	4.3	E -6.7	-8.3	-8.7	-8.0	-7.4	-1.0	-0.7
15	4.6	21.0	16.9	19.0	4.0	E -6.7	-8.5	-8.6	-8.4	-7.3	-0.4	-0.7
16	4.4	19.0	15.3	18.8	3.9	-6.8	-8.9	-8.2	-9.0	-8.0	-0.4	-1.2
17	4.4	16.7	14.5	18.0	3.3	-7.1	-9.2	-7.8	-8.6	-7.8	-0.3	-2.2
18	4.0	14.9	14.0	17.3	2.6	-7.4	-9.2	-7.4	-8.1	E -7.9	-0.5	-3.5
19	4.3	14.0	13.6	15.8	2.0	-7.7	-9.1	-7.1	-7.0	E -7.7	0.8	E -4.7
20	6.8	13.5	13.1	14.3	1.5	-7.9	-9.0	-7.4	-7.0	-7.5	E 4.8	E -5.9
21	7.3	12.8	12.4	13.1	0.5	-8.0	-8.6	-7.5	-7.7	-7.0	E 6.0	-6.7
22	9.6	12.7	11.1	12.4	-0.2	-8.0	-8.4	-7.0	-8.2	-7.0	8.5	-6.7
23	16.1	12.9	9.7	11.9	0.0	-7.9	E -7.5	-6.1	-7.4	-7.0	10.8	-5.1
24	20.0	13.3	E 8.2	11.3	0.3	-8.0	E -4.9	-6.0	-6.5	-7.5	14.8	-4.2
25	21.9	14.0	E 7.4	10.7	0.9	-8.0	E -3.3	-6.2	E -4.8	-7.5	15.9	-3.7
26	22.4	15.0	E 6.9	9.9	1.0	-8.1	E -2.6	-6.6	E -5.0	-6.5	17.3	-1.2
27	22.4	15.4	6.3	9.1	1.5	-8.5	E -4.0	-7.9	E -5.0	-6.1	18.3	2.7
28	22.4	15.3	6.0	8.4	1.7	-9.0	E -5.8	-8.0	-4.6	-6.1	18.3	E 6.8
29	21.8	15.0	5.7	7.4	1.7	-9.5	E -6.8	-8.0	-4.1	-6.3	18.0	10.1
30	20.2			6.0	1.5	-9.5	E -6.7	-8.1	-3.8	-6.1	17.2	15.1
31	17.7			6.9	1.2	E -6.6	-8.0			-6.0		17.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	15.30	16.94	11.75	14.49	2.67	-6.27	-8.10	-7.65	-7.09	-6.16	2.67	3.26
MAX.	26.6	22.4	18.9	19.6	5.6	0.8	-2.6	-6.0	-3.8	-2.4	18.3	17.7
MIN.	4.0	11.7	5.7	6.0	-0.2	-9.5	-10.0	-8.7	-9.0	-8.0	-7.3	-6.7

E- ESTIMATED.

HIGHEST STAGE WAS 26.57 ON JAN. 1.

LOWEST STAGE WAS -10.00 ON JUL. 11 AND 12.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928.700 SQUARE MILES. LOW WATER REFERENCE PLANE,
MINUS 2.5 FEET ON GAGE.RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE
NATIONAL WEATHER SERVICE. DISCHARGE, SEE NEXT STATION.EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 6.80 FEET ON JAN. 20 AND 21, 1981.
DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	A	A	A	A	A	A	A	-0.5	-0.4	-5.0	1.0	
2	A	A	A	A	A	A	A	1.4	-1.2	-5.2	2.1	
3	A	A	A	A	A	A	A	3.8	-2.0	-5.4	3.6	
4	A	A	A	A	A	A	A	1.3	4.9	-2.0	-5.2	
5	A	A	A	A	A	A	A	1.8	5.0	-2.1	-4.7	
6	A	A	A	A	A	A	A	4.9	-2.4	-4.7	5.8	
7	A	A	A	A	A	4.0	A	4.9	-2.8	-4.9	6.4	
8	A	A	A	A	A	A	4.8	A	3.3	-2.9	6.5	
9	A	A	A	A	A	A	6.4	1.6	2.3	-2.7	-4.4	
10	A	A	A	A	A	A	8.3	1.8	1.3	-2.7	-4.2	
11	A	A	A	A	A	9.0	2.0	0.5	-3.2	-3.5	4.8	
12	A	A	A	A	A	10.4	0.7	0.0	-3.6	-3.0	4.3	
13	A	A	A	A	A	9.4	0.3	0.5	-4.0	-2.2	3.8	
14	A	A	A	A	A	9.4	-1.0	0.5	-4.1	-1.5	3.2	
15	A	A	A	A	A	9.3	-1.3	0.4	-3.7	-1.5	3.8	
16	A	A	A	A	A	10.3	-1.6	-0.3	-3.4	-1.9	4.4	
17	A	A	A	A	A	10.4	-2.5	-1.0	-3.5	-1.0	4.9	
18	A	A	A	A	A	10.3	-2.4	-0.5	-4.0	-1.6	5.4	
19	A	A	A	A	A	10.1	-2.0	0.0	-4.1	-1.6	5.9	
20	A	A	A	A	A	9.9	-1.3	-0.1	-4.1	-1.5	6.0	
21	A	A	A	A	A	A	-0.5	-0.8	-4.1	-1.5	5.8	
22	A	A	A	A	A	A	0.4	1.0	-4.3	-1.4	5.9	
23	A	A	A	A	A	7.4	1.4	0.7	-4.7	-1.2	6.4	
24	A	A	A	A	A	6.7	2.0	0.0	-5.3	-1.5	7.6	
25	A	A	A	A	A	5.3	2.0	1.3	-5.0	-2.0	12.4	
26	A	A	A	A	A	3.8	2.0	2.4	-4.7	-2.0	15.7	
27	A	A	A	A	A	2.8	1.7	2.8	-4.5	-1.3	16.4	
28	A	A	A	A	A	1.7	1.2	2.3	-4.5	-0.3	21.9	
29	A	A	A	A	A	1.3	0.0	1.5	-4.6	0.0	24.0	
30	A	A	A	A	A	A	-0.8	0.4	-4.5	0.4	25.4	
31	A	A	A	A	A	A	-1.0	A	-4.7	26.3		

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	1.36	-3.54	-2.62	8.38
MAX.	5.0	-0.4	0.4	26.3
MIN.	-1.0	-5.3	-5.4	1.0

A- NO RECORD.
HIGHEST AND LOWEST STAGES NOT DETERMINED.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928,700 SQUARE MILES. LOW WATER REFERENCE PLANE, MINUS 2.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 6.80 FEET ON JAN. 20 AND 21, 1981.

DAILY EIGHT A.M. STAGE IN FEET												GAGE ZERO, 183.91 FEET, N.G.V.D. OF 1929													
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC													
1	E 11.5	E 10.9	E 20.5	17.8	12.7	19.4	5.6	6.9	E 0.6	14.1	17.1	E 20.2													
2	E 10.4	E 9.6	E 20.1	15.9	11.9	19.1	5.8	6.5	E 0.7	14.4	17.1	E 22.0													
3	E 9.3	E 8.4	E 19.7	15.4	10.8	18.8	6.0	6.2	E 0.5	14.8	17.1	E 23.0													
4	E 8.3	E 7.6	E 18.8	14.3	9.6	17.9	6.5	5.7	E 0.4	15.1	16.8	E 23.5													
5	7.6	7.4	E 17.7	13.5	9.1	17.5	7.1	4.9	E 0.4	15.9	E 16.8	E 23.8													
6	E 7.3	E 12.2	E 16.6	12.8	9.6	16.8	8.5	4.5	E 0.0	17.1	E 16.5	E 24.0													
7	E 6.9	16.2	E 15.6	12.0	10.4	16.1	10.4	4.1	0.3	18.8	16.1	E 24.4													
8	E 6.6	19.0	E 14.6	11.6	10.6	15.4	11.8	3.8	1.3	20.4	E 16.5	E 24.5													
9	6.5	20.5	E 13.4	11.3	10.4	15.0	12.9	3.5	2.0	21.8	15.9	E 24.5													
10	6.5	21.3	E 12.3	11.5	10.3	15.6	13.8	2.9	2.6	23.3	16.1	E 24.5													
11	5.9	22.0	E 11.3	12.2	10.2	16.0	13.0	2.9	1.9	24.1	16.8	E 24.5													
12	5.1	23.3	E 10.8	12.8	10.3	17.6	11.8	2.9	1.0	24.7	18.0	E 24.5													
13	E 4.4	23.5	E 11.1	13.0	10.5	18.6	11.6	2.9	0.2	25.3	19.3	E 25.0													
14	E 3.8	23.7	E 11.6	13.1	10.5	18.6	12.7	2.9	-0.4	25.5	20.4	E 25.3													
15	E 3.5	24.0	E 12.7	13.0	10.5	17.6	13.8	2.8	-0.2	25.4	21.0	E 25.4													
16	E 3.2	24.0	E 14.7	12.9	10.8	17.0	15.3	2.6	0.2	24.9	21.8	E 25.3													
17	E 3.1	23.6	E 17.1	12.6	11.8	16.3	16.4	2.4	-0.1	24.6	21.9	E 24.8													
18	E 2.8	23.4	E 19.1	12.4	14.9	15.7	17.4	1.8	-0.2	23.9	21.3	E 24.5													
19	E 2.6	E 22.8	E 20.6	12.2	16.8	15.1	17.9	1.4	1.0	23.3	E 20.4	E 24.0													
20	2.5	E 22.0	E 21.8	12.2	17.0	14.8	18.1	1.6	1.4	22.4	E 19.0	E 23.9													
21	E 2.4	21.2	E 22.6	12.2	16.6	14.4	17.8	2.6	2.2	22.0	E 17.0	E 23.0													
22	E 2.4	E 20.7	E 23.4	12.4	16.3	12.8	16.9	3.4	2.8	21.3	E 15.3	E 21.6													
23	2.8	E 20.4	23.8	12.8	16.3	11.8	16.1	3.9	3.0	20.8	E 14.0	E 20.0													
24	E 3.8	E 20.5	24.3	13.0	16.6	11.1	E 14.6	3.9	3.4	20.0	E 13.3	E 18.4													
25	E 5.6	E 20.9	24.4	13.3	17.6	10.6	13.0	3.6	4.2	19.4	E 12.8	E 17.1													
26	7.8	21.3	24.5	13.3	18.6	9.3	11.7	3.4	5.5	18.9	E 13.0	E 16.0													
27	E 9.1	21.3	24.8	13.3	19.4	8.6	E 10.6	2.9	7.9	18.5	E 13.7	E 15.3													
28	E 9.6	E 20.8	24.4	13.3	19.9	7.7	9.6	2.1	9.6	18.1	E 14.0	E 14.8													
29	E 11.3	22.9	13.3	20.3	6.0	8.8	1.4	11.7	17.6	E 15.4	E 14.5														
30	E 12.1	21.3	13.0	20.1	5.8	7.9	E 0.7	12.9	16.8	E 17.8	E 14.9														
31	E 11.8		19.4		19.9			7.6	E 0.5		16.8		E 15.4												

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	6.33	19.01	18.58	13.08	13.88	14.56	11.95	3.25	2.55	20.33	17.07	21.69
MAX.	12.1	24.0	24.8	17.8	20.3	19.4	18.1	6.9	12.9	25.5	21.9	25.4
MIN.	2.4	7.4	10.8	11.3	9.1	5.8	5.6	0.5	-0.4	14.1	12.8	14.5

E- ESTIMATED.

HIGHEST STAGE WAS 25.45 ON OCT. 14.
LOWEST STAGE WAS -0.40 ON SEP. 14.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928,700 SQUARE MILES. LOW WATER REFERENCE PLANE, MINUS 2.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 6.80 FEET ON JAN. 20 AND 21, 1981. DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	23.6	E 5.2	28.4	19.7	E 15.0	E 11.4	E 8.2	0.0	E 6.2	0.4	E 10.3	29.3
2	24.0	E 4.7	29.3	21.6	E 15.8	E 10.8	E 7.6	0.3	5.4	0.7	E 10.8	29.0
3	25.5	E 4.5	30.4	23.5	E 16.0	E 10.0	E 6.8	E 0.9	5.3	1.2	10.9	28.8
4	26.3	E 4.7	31.0	24.8	15.8	9.5	E 6.0	E 1.8	E 5.1	1.4	10.6	29.2
5	27.3	E 9.0	32.3	26.0	16.5	9.1	E 5.6	E 2.7	4.4	1.8	E 10.3	29.5
6	28.3	E 11.7	33.0	26.8	17.0	E 9.3	E 6.1	E 3.3	3.5	2.5	E 10.9	29.8
7	28.5	E 13.7	33.3	27.3	18.3	E 10.3	E 6.4	E 3.2	E 3.4	3.1	E 12.0	30.0
8	28.4	E 14.2	33.5	27.8	18.7	E 11.3	E 6.6	E 3.4	E 4.7	E 4.1	E 12.5	29.9
9	27.6	E 14.5	33.8	28.2	18.9	E 12.0	E 6.4	E 3.0	4.4	E 4.6	E 12.9	29.9
10	26.8	E 14.3	34.0	28.4	18.8	E 12.4	E 6.0	E 1.9	3.4	4.5	13.6	29.9
11	25.8	E 14.0	34.1	28.5	18.1	E 12.7	E 5.6	E 1.4	2.8	4.2	14.7	29.9
12	24.9	E 14.0	34.2	28.6	16.3	E 12.9	E 5.2	E 1.5	2.4	E 4.0	15.7	29.7
13	24.1	14.5	34.1	E 28.4	15.1	E 13.2	5.4	E 1.6	1.5	E 3.7	16.1	29.4
14	23.1	15.1	34.0	E 28.0	13.1	E 13.8	5.7	E 1.7	1.1	E 3.3	17.3	29.3
15	21.8	16.0	33.6	27.3	12.0	E 14.6	5.9	1.5	0.1	E 3.8	18.5	28.8
16	19.6	E 16.6	33.3	26.3	11.0	E 14.6	5.9	1.5	-0.4	6.1	18.8	28.4
17	18.0	17.5	32.3	25.3	10.5	13.8	5.9	1.2	-0.7	9.2	E 20.0	27.9
18	E 17.6	17.5	31.6	24.3	10.6	E 13.0	5.5	1.5	-1.0	E 11.1	20.3	27.1
19	E 16.2	17.1	31.3	22.3	E 11.2	E 12.4	4.3	2.3	-1.6	E 11.9	E 21.8	26.3
20	15.8	16.8	30.8	21.4	E 11.9	11.8	3.9	E 4.3	-2.1	11.9	E 23.1	25.5
21	13.9	16.4	30.3	19.3	12.0	11.3	3.6	E 5.7	E -1.8	11.5	E 24.2	24.1
22	12.8	15.9	30.1	19.0	12.3	E 11.9	3.3	E 6.3	E -1.6	11.4	E 25.3	23.4
23	11.8	15.6	29.5	18.0	12.5	12.4	2.7	6.8	E -1.6	12.1	E 26.1	22.8
24	10.2	17.1	28.6	E 18.0	12.5	E 12.2	2.2	7.2	E -1.4	13.1	26.9	E 22.3
25	9.1	21.1	27.5	17.1	12.5	E 11.5	E 1.1	E 7.0	E -1.1	13.8	27.5	E 20.9
26	8.3	22.5	25.8	16.1	11.8	10.2	0.5	E 6.4	E -0.6	14.0	28.8	E 19.0
27	8.3	25.1	23.8	15.2	11.1	9.0	E 0.8	7.0	E -0.7	13.7	29.3	E 17.5
28	7.2	26.8	21.8	E 14.8	10.7	8.6	E 0.1	E 7.2	E -0.5	13.4	30.1	E 16.8
29	6.6		20.1	E 15.1	10.2	8.4	E -0.4	E 7.0	-0.3	12.0	30.1	E 15.3
30	6.1		19.3	E 15.1	E 10.6	E 8.4	E -0.5	E 7.1	E 0.0	10.9	29.5	E 13.8
31	5.7		19.4		E 11.2		-0.5	E 6.9		E 10.3		E 12.9

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	18.48	14.85	29.81	22.73	13.80	11.42	4.25	3.65	1.28	7.39	19.30	25.37
MAX.	28.5	26.8	34.2	28.6	18.9	14.6	8.2	7.2	6.2	14.0	30.1	30.0
MIN.	5.7	4.5	19.3	14.8	10.2	8.4	-0.5	0.0	-2.1	0.4	10.3	12.9

E- ESTIMATED.

HIGHEST STAGE WAS 34.19 ON MAR. 12.
LOWEST STAGE WAS -2.10 ON SEP. 20.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928.700 SQUARE MILES. LOW WATER REFERENCE PLANE, MINUS 2.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 6.80 FEET ON JAN. 20 AND 21, 1981.
DAILY EIGHT A. M. STAGE IN FEET GAGE ZERO, 183.91 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12.7	11.7	22.3	E 30.9	32.5	28.2	18.8	10.4	1.9	1.2	10.2	16.8
2	12.5	12.2	21.9	31.4	33.1	27.1	18.8	10.4	E 1.7	0.2	10.8	18.2
3	12.9	11.8	21.7	32.3	33.9	26.1	18.6	10.3	E 1.7	-0.4	11.6	19.0
4	13.3	11.1	21.7	32.7	34.3	25.3	18.4	E 10.1	E 1.7	-0.6	14.0	19.3
5	13.6	10.4	E 23.0	32.8	34.3	24.7	18.2	10.1	E 2.2	-0.3	16.3	19.2
6	13.3	9.4	23.9	33.0	34.3	24.2	18.3	9.4	E 2.7	0.3	17.7	18.9
7	12.0	9.3	24.6	33.3	34.4	23.8	18.9	9.0	E 3.0	0.5	18.7	17.0
8	11.2	9.6	25.3	33.5	35.3	22.8	E 19.4	8.7	E 2.4	1.0	19.1	16.1
9	10.4	9.8	25.8	33.9	35.5	21.5	E 19.6	8.6	E 2.1	0.8	19.5	14.9
10	9.7	9.9	26.1	34.0	36.0	19.3	E 19.5	8.3	E 1.4	0.9	18.8	13.8
11	9.3	9.9	26.3	34.2	36.3	18.3	E 19.6	E 7.5	E 0.9	0.9	17.7	12.6
12	9.1	9.8	26.0	34.2	37.0	16.7	E 19.9	E 7.1	E 0.2	0.7	16.6	11.7
13	9.3	10.1	25.5	34.1	37.9	15.8	E 19.5	E 6.8	E 0.5	0.5	15.8	10.9
14	9.4	9.8	24.6	34.1	38.5	15.5	E 19.1	E 6.6	1.9	0.0	15.7	10.3
15	9.4	10.9	23.2	34.0	39.0	15.9	E 18.5	E 6.7	2.4	0.0	16.2	9.9
16	9.1	13.0	21.1	34.0	39.5	16.5	E 18.1	E 6.9	2.7	-0.4	16.3	10.6
17	8.6	15.5	18.9	33.8	39.8	17.0	17.7	7.8	2.4	-0.1	16.3	11.9
18	7.9	17.2	17.7	33.7	40.0	17.2	17.4	8.4	1.3	E 0.3	16.3	13.5
19	7.5	19.5	17.9	33.3	40.0	17.5	16.8	8.7	1.0	E 0.7	16.2	13.9
20	7.2	20.5	19.5	32.7	39.8	17.7	16.1	8.7	1.0	E 1.1	15.9	15.2
21	6.8	21.7	21.6	31.7	39.7	17.6	15.3	8.6	1.4	E 2.0	14.1	16.1
22	6.4	22.5	23.2	30.3	39.5	17.6	14.6	8.0	1.6	E 3.3	14.5	18.0
23	6.3	23.5	24.1	29.4	39.2	18.0	14.2	7.3	1.7	5.0	16.3	18.9
24	6.2	24.1	25.9	28.3	38.7	18.5	13.8	5.7	1.2	7.3	17.7	20.5
25	5.9	24.4	27.0	27.8	37.9	18.7	13.3	4.8	0.0	10.2	18.6	22.0
26	5.6	24.5	27.6	28.4	36.8	18.8	12.9	4.1	0.0	11.6	18.3	22.8
27	5.8	24.4	28.3	28.7	35.7	18.8	11.4	3.2	1.5	11.7	17.7	23.3
28	7.2	23.9	28.9	29.8	34.3	18.7	11.0	E 2.8	2.6	E 11.6	16.4	23.7
29	8.2	22.9	29.3	31.2	32.9	18.7	10.8	2.5	3.5	11.4	E 15.2	23.9
30	9.6		29.8	31.8	31.1	18.7	10.6	2.2	2.2	10.8	E 15.3	23.8
31	11.3		30.3		29.4		10.4	2.1		10.4		23.6

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	9.27	15.63	24.27	32.11	36.35	19.82	16.43	7.14	1.69	3.31	16.11	17.09
MAX.	13.6	24.5	30.3	34.2	40.0	28.2	19.9	10.4	3.5	11.7	19.5	23.9
MIN.	5.6	9.3	17.7	27.8	29.4	15.5	10.4	2.1	0.0	-0.6	10.2	9.9

E- ESTIMATED.

HIGHEST STAGE WAS 40.02 ON MAY 19.

LOWEST STAGE WAS -0.60 ON OCT. 4.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928,700 SQUARE MILES. LOW WATER REFERENCE PLANE, MINUS 2.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 6.80 FEET ON JAN. 20 AND 21, 1981.
DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	32.0	13.0	15.3	19.1	33.0	39.5	13.2	8.3	1.0	-0.1	8.8	21.3
2	32.7	12.7	15.2	19.3	32.5	39.2	12.9	7.0	1.4	0.2	6.9	22.6
3	33.2	12.7	14.8	20.0	32.8	38.8	12.5	6.1	1.2	0.5	5.4	24.1
4	33.5	12.6	14.3	20.5	33.3	38.4	12.9	5.4	1.3	0.8	4.4	24.8
5	33.7	13.1	14.0	21.8	34.0	37.6	14.0	5.2	1.6	0.9	3.7	25.4
6	33.7	14.6	14.0	22.9	35.1	36.6	14.7	5.1	1.4	0.4	2.7	26.5
7	33.2	16.0	13.9	24.0	36.2	35.3	15.1	4.7	0.3	0.3	2.7	27.1
8	32.5	17.0	14.4	25.5	37.4	33.8	15.3	4.7	-0.6	-0.1	3.4	27.8
9	31.3	17.8	15.9	27.1	38.3	32.2	15.1	4.7	-1.2	-0.5	4.9	28.4
10	30.0	18.4	17.2	28.5	39.0	30.5	14.6	4.6	-0.3	-0.7	6.5	28.2
11	27.4	18.7	18.2	29.8	39.5	28.8	14.5	4.6	0.6	-1.2	7.2	28.1
12	24.5	18.6	18.7	31.1	39.9	26.6	13.9	4.7	0.6	-1.6	7.0	27.6
13	21.9	18.0	19.2	32.2	40.2	24.3	13.8	4.0	-0.1	-2.0	6.2	26.8
14	19.5	17.4	19.2	33.6	40.0	21.8	13.8	3.0	-1.0	-2.0	5.6	26.5
15	17.8	16.7	18.8	34.5	40.0	20.5	13.3	3.0	-1.1	-1.9	5.5	26.0
16	15.5	16.3	18.6	35.3	39.9	18.9	12.7	2.9	-1.1	-1.5	6.1	26.2
17	14.2	16.1	18.0	35.9	39.7	17.3	12.0	2.3	-0.3	-1.0	7.2	26.3
18	13.3	15.7	17.4	36.2	39.4	15.8	11.8	2.3	-1.4	-1.4	8.2	26.2
19	12.8	15.3	16.6	36.3	39.4	14.7	11.0	2.3	-2.9	-0.6	8.5	25.7
20	12.2	15.0	16.0	36.3	39.3	14.2	10.4	2.2	-3.4	0.3	8.4	25.0
21	11.7	14.5	15.6	36.3	39.2	14.2	10.2	1.7	-2.7	0.3	8.4	24.3
22	11.0	15.1	15.2	36.2	39.1	14.2	10.5	1.2	-2.1	0.5	9.3	23.5
23	10.4	15.6	15.3	36.1	39.1	14.5	10.5	0.9	-2.1	1.1	11.3	22.0
24	9.9	16.0	16.2	36.0	39.1	15.1	10.1	0.8	-1.9	1.9	12.8	20.0
25	10.1	15.8	17.3	35.7	39.2	15.8	9.6	0.7	-1.5	5.2	14.3	18.8
26	11.0	15.3	18.3	35.5	39.5	16.0	9.7	0.9	-1.0	7.6	15.2	17.9
27	12.4	15.3	18.9	35.1	39.7	15.5	9.9	1.1	-1.0	9.7	17.1	16.9
28	13.7	15.3	19.0	34.6	39.8	15.2	10.9	1.2	-1.4	11.0	18.9	16.5
29	14.3		19.2	34.0	39.8	14.6	11.6	0.9	-1.2	11.3	19.6	16.0
30	14.0		19.5	33.3	39.8	13.6	11.7	0.7	-0.7	11.3	19.9	15.2
31	13.5		19.3		39.7		10.2	0.5		10.3		14.7

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	20.53	15.66	16.87	30.76	38.17	23.77	12.33	3.15	-0.65	1.90	8.86	23.42
MAX.	33.7	18.7	19.5	36.3	40.2	39.5	15.3	8.3	1.6	11.3	19.9	28.4
MIN.	9.9	12.6	13.9	19.1	32.5	13.6	9.6	0.5	-3.4	-2.0	2.7	14.7

HIGHEST STAGE WAS 40.20 ON MAY 13.

LOWEST STAGE WAS -3.40 ON SEP. 20.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928,700 SQUARE MILES. LOW WATER REFERENCE PLANE, MINUS 2.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 6.80 FEET ON JAN. 20 AND 21, 1981.
DAILY EIGHT A. M. STAGE IN FEET GAGE ZERO, 183.91 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12.4	24.9	29.6	32.3	17.4	16.6	9.9	10.5	E 7.2	3.0	2.5	16.5
2	12.0	25.5	29.7	32.1	16.8	17.1	9.9	9.6	8.4	2.7	2.5	17.6
3	11.3	26.4	29.5	31.9	16.5	19.5	10.1	9.2	9.6	2.2	2.5	19.1
4	10.5	27.4	29.3	31.2	16.1	21.3	10.5	8.5	10.4	1.8	2.7	21.3
5	9.8	27.8	28.6	30.3	15.5	22.7	11.5	8.2	13.8	1.1	3.1	23.2
6	10.0	28.0	E 27.3	29.2	14.9	23.7	E 12.2	7.8	15.5	0.8	3.8	25.8
7	13.6	27.5	E 25.9	27.9	14.3	23.7	E 13.1	7.2	16.2	0.8	5.0	27.6
8	16.8	27.3	24.4	27.1	13.9	23.3	14.0	6.8	15.3	0.8	6.5	28.9
9	18.6	E 27.1	22.8	26.6	13.7	22.6	15.6	6.5	13.4	0.9	6.5	30.1
10	19.5	26.9	21.3	25.9	13.5	22.4	16.6	6.4	11.6	0.9	6.5	31.2
11	19.7	26.6	20.4	25.2	13.3	22.4	16.9	6.5	9.7	0.8	6.5	32.1
12	19.7	26.3	19.6	24.4	13.0	22.8	16.4	7.2	8.0	1.5	6.3	32.4
13	19.5	26.1	19.1	23.4	12.6	23.2	15.8	8.5	6.4	1.6	5.2	32.5
14	18.9	26.1	18.7	22.3	12.8	23.4	15.4	8.5	5.5	2.2	4.3	32.5
15	17.5	25.8	18.6	E 21.2	12.9	23.5	14.6	8.4	5.3	2.9	3.9	32.5
16	15.3	25.4	19.0	E 20.3	12.7	E 23.8	13.6	7.7	5.5	3.9	3.9	31.9
17	12.5	24.9	20.4	E 19.4	12.5	E 23.7	12.6	6.5	6.5	4.8	4.3	31.5
18	10.4	24.4	22.1	E 19.0	11.1	23.6	12.0	5.3	6.5	5.5	5.3	30.8
19	8.5	23.2	23.9	E 19.3	10.3	23.2	11.5	5.5	7.2	E 5.2	6.9	30.2
20	6.9	21.9	25.4	E 19.7	9.8	22.8	11.4	8.3	7.8	E 4.8	8.5	29.5
21	6.0	21.2	26.8	20.2	10.0	22.4	11.5	10.3	8.5	E 4.5	9.3	29.0
22	5.3	23.2	27.8	20.9	10.8	21.9	11.7	10.4	8.3	4.2	9.6	28.2
23	5.5	24.5	28.7	21.4	11.8	21.5	12.1	9.7	7.8	3.7	10.0	27.5
24	6.1	25.7	29.6	21.9	12.5	20.3	13.0	8.5	7.1	3.6	10.5	26.9
25	10.5	26.8	30.3	22.0	12.9	18.4	E 13.8	7.0	6.6	3.3	11.3	26.6
26	16.8	27.7	30.8	21.7	14.0	17.0	E 14.3	5.9	6.3	3.0	11.9	26.8
27	20.0	28.6	31.3	21.2	14.5	15.4	E 14.6	5.3	6.0	2.8	12.6	27.4
28	22.0	29.2	31.7	20.0	14.7	13.5	E 14.8	4.8	5.3	2.5	13.6	28.3
29	23.1		32.1	18.8	15.5	11.9	14.3	4.6	4.3	2.5	14.5	29.3
30	23.9		32.3	18.0	16.1	10.5	12.9	E 5.3	3.5	2.6	15.4	30.8
31	24.5		32.3			16.2		11.5	E 6.0	2.6		31.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	14.42	25.93	26.10	23.82	13.62	20.59	13.15	7.45	8.45	2.69	7.18	28.03
MAX.	24.5	29.2	32.3	32.3	17.4	23.8	16.9	10.5	16.2	5.5	15.4	32.5
MIN.	5.3	21.2	18.6	18.0	9.8	10.5	9.9	4.6	3.5	0.8	2.5	16.5

E- ESTIMATED.

HIGHEST STAGE WAS 32.46 ON DEC 15.

LOWEST STAGE WAS 0.79 ON OCT 6 AND SUBSEQUENT DAYS.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32. LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928.700 SQUARE MILES. LOW WATER REFERENCE PLANE, MINUS 2.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 5.40 FEET ON SEPT. 20 AND 21, 1976.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-4.8	-4.1	16.7	0.3	16.3	22.4	18.6	17.3	2.3	-0.6	4.0	1.6
2	-5.1	-2.9	17.6	1.1	15.6	21.4	18.5	18.1	2.4	-0.3	5.2	2.3
3	-5.2	-1.7	18.3	2.9	14.1	20.6	17.9	19.1	3.2	0.2	6.4	3.2
4	-5.2	-1.1	18.7	4.4	12.9	20.1	17.1	19.3	4.4	0.5	6.7	4.9
5	-5.0	0.2	18.7	5.8	11.7	20.8	16.5	18.9	6.1	0.6	6.7	6.7
6	-4.7	2.7	18.6	6.3	11.1	21.8	16.0	17.6	7.8	0.4	6.4	7.8
7	-4.6	5.3	18.4	5.6	11.1	22.4	15.9	16.3	9.1	0.1	5.6	8.3
8	-4.8	7.8	18.5	4.9	11.4	23.0	16.3	14.6	10.0	0.	5.4	8.7
9	-5.1	9.4	17.3	5.6	11.9	23.7	16.9	13.6	10.4	0.4	6.9	9.1
10	-5.8	9.7	16.3	7.4	12.1	24.3	17.7	12.3	10.6	0.6	8.6	E 9.0
11	-6.1	9.1	15.1	8.8	11.5	24.9	18.4	12.1	10.1	0.8	8.5	8.3
12	-6.1	8.5	14.5	9.3	10.7	24.9	18.7	11.7	9.5	0.7	7.7	6.8
13	-6.1	6.0	13.8	9.4	10.2	24.5	18.4	11.3	8.4	0.6	6.5	5.6
14	-6.1	5.1	13.2	8.9	10.2	24.0	17.0	11.2	6.8	0.6	5.6	4.8
15	-6.1	4.4	12.0	8.2	10.6	23.8	15.6	10.5	5.8	0.9	4.7	4.1
16	-6.1	4.4	10.5	8.0	11.3	23.8	14.0	9.5	5.2	0.9	4.1	3.6
17	-6.2	4.4	8.8	8.5	12.5	23.8	12.6	8.6	4.6	0.9	3.5	3.4
18	-6.4	4.6	6.9	10.0	13.1	23.7	11.6	8.2	4.1	1.6	2.7	3.3
19	-6.6	5.4	5.1	12.4	13.7	23.6	10.6	7.6	3.6	1.5	1.8	2.8
20	-6.8	5.9	3.6	14.7	14.8	23.6	10.4	7.2	3.3	1.5	0.9	2.3
21	-6.8	5.7	2.7	16.2	17.8	23.5	10.7	6.9	3.1	2.0	0.2	2.3
22	-6.5	6.2	2.3	17.1	21.1	23.2	10.5	6.6	2.6	2.5	E -0.2	2.1
23	-6.4	8.3	2.1	17.5	23.3	23.1	11.4	6.7	1.9	3.0	E -0.4	1.5
24	-6.3	10.9	1.8	17.8	24.9	22.5	12.3	6.6	1.5	3.3	-0.1	1.2
25	-6.2	13.2	1.5	18.6	25.7	21.9	13.5	5.6	0.5	3.3	0.2	1.8
26	-6.0	14.4	1.1	19.1	26.5	21.3	14.3	4.7	-0.1	3.4	0.5	3.8
27	-6.0	14.9	0.5	18.9	26.3	20.6	14.8	4.3	-0.6	3.3	1.2	6.6
28	-6.0	15.5	0.3	18.7	25.9	19.9	15.2	3.9	-1.0	3.0	1.5	8.8
29	-5.4		-0.1	18.3	25.4	19.1	15.6	3.8	-1.3	3.0	1.3	9.8
30	-4.7		-0.4	17.8	24.4	18.6	15.8	3.4	-1.5	3.0	1.2	10.8
31	-4.5		-0.3		23.7		16.2	2.7		3.4		11.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	-5.73	6.15	9.49	10.75	16.51	22.48	15.13	10.33	4.43	1.45	3.78	5.38
MAX.	-4.5	15.5	18.7	19.1	26.5	24.9	18.7	19.3	10.6	3.4	8.6	11.8
MIN.	-6.8	-4.1	-0.4	0.3	10.2	18.6	10.4	2.7	-1.5	-0.6	-0.4	1.2

E- ESTIMATED.

HIGHEST STAGE WAS 26.48 ON MAY 26.

LOWEST STAGE WAS -6.80 ON JAN. 20 AND 21.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928,700 SQUARE MILES. LOW WATER REFERENCE PLANE, MINUS 2.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE NATIONAL WEATHER SERVICE. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 5.40 FEET ON SEPT. 20 AND 21, 1976.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	19.1	13.2	13.9	32.2	17.2	12.4	7.9	3.2	9.0	2.8	1.3	3.3
2	19.4	12.1	14.6	32.4	15.3	11.2	8.5	2.1	6.6	2.4	0.9	4.1
3	19.4	10.8	14.6	32.8	13.7	9.9	9.0	2.1	4.5	2.8	0.7	4.1
4	19.3	9.7	14.0	33.0	12.9	8.7	9.1	2.7	3.7	3.3	0.8	4.1
5	18.8	8.8	12.6	33.1	12.5	7.5	9.0	3.7	2.3	3.3	1.0	3.9
6	18.0	7.9	11.2	33.2	12.5	7.7	9.2	3.7	2.8	2.9	0.7	2.8
7	16.7	7.1	10.0	33.2	12.7	8.5	9.7	2.8	3.8	2.7	0.3	1.5
8	15.1	6.7	9.3	33.2	12.6	12.4	10.0	2.0	4.7	2.7	0.7	0.7
9	13.6	5.9	9.5	32.8	12.4	14.9	9.5	1.8	5.3	2.1	-0.2	1.1
10	12.4	4.6	10.6	32.1	11.4	16.5	8.8	2.8	6.1	2.0	-0.4	1.2
11	11.7	3.3	13.3	31.2	10.4	17.3	7.6	3.6	6.8	1.7	-0.9	1.2
12	11.2	3.2	16.0	30.7	9.5	17.4	6.4	4.5	6.9	1.5	-1.2	0.9
13	11.1	3.5	17.9	30.2	7.4	17.0	6.0	4.3	6.2	0.9	-1.8	1.5
14	11.0	4.0	19.2	29.9	6.0	16.5	6.3	4.2	5.2	0.6	-1.9	2.9
15	11.3	3.9	20.0	29.3	5.1	15.8	6.9	3.8	4.2	-1.9	-1.9	5.9
16	12.5	3.7	20.4	28.7	4.1	15.4	7.8	3.6	3.0	-2.4	-2.4	7.8
17	13.8	4.1	21.4	28.2	4.6	14.8	8.6	4.4	2.9	-2.9	-2.5	8.1
18	14.7	4.5	21.5	28.2	5.1	14.3	9.0	5.7	2.7	-3.5	-1.6	7.1
19	15.2	5.4	21.8	28.3	5.8	13.8	9.0	7.4	3.1	-2.9	-1.6	5.8
20	15.4	6.3	22.6	28.5	7.1	13.2	8.5	9.0	3.4	-3.5	-1.3	4.1
21	15.3	7.1	23.7	28.6	10.0	12.8	7.1	9.7	3.6	-3.4	-0.7	2.7
22	15.1	8.3	24.6	28.6	13.1	12.5	5.8	9.9	3.8	-2.4	-0.1	1.2
23	15.1	9.1	25.7	28.4	14.5	12.3	3.5	10.0	3.8	-0.7	1.0	-0.3
24	15.2	9.6	26.9	28.1	14.8	12.2	1.6	10.6	3.6	-1.3	1.7	-0.9
25	15.4	9.7	27.9	27.8	14.5	12.1	0.6	11.2	3.9	-2.1	1.6	-1.2
26	15.7	9.7	28.6	27.3	14.2	11.2	0.8	12.0	4.3	-2.1	0.8	-1.9
27	16.0	9.9	29.3	26.2	14.2	10.7	1.6	12.5	3.9	-2.1	0.3	-2.9
28	16.0	11.0	30.2	24.7	14.4	10.2	3.5	12.6	3.7	-1.6	0.7	-3.5
29	15.4	12.6	30.8	22.6	14.6	9.3	4.2	12.4	3.6	-1.9	1.7	-4.0
30	14.8		31.5	20.1	14.5	8.6	4.7	12.0	3.3	-0.7	2.4	-4.0
31	14.2		32.0		13.5		4.4	10.8		0.6		-4.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	15.09	7.44	20.18	29.45	11.31	12.57	6.60	6.49	4.36	-0.10	-0.06	1.70
MAX.	19.4	13.2	32.0	33.2	17.2	17.4	10.0	12.6	9.0	3.3	2.4	8.1
MIN.	11.0	3.2	9.3	20.1	4.1	7.5	0.6	1.8	2.3	-3.5	-2.5	-4.4

HIGHEST STAGE WAS 33.20 ON APR. 8.
LOWEST STAGE WAS -4.45 ON DEC. 31.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928,700 SQUARE MILES. LOW WATER REFERENCE PLANE, MINUS 2.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE U.S. WEATHER BUREAU. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 5.40 FEET ON SEPT. 20 AND 21, 1976.

MEAN. NOT COMPUTED FOR PERIOD OF RECORD.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 183.91 FEET, N.G.V.D. OF 1929

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16.9	25.4	27.0	32.0	35.7	18.4	13.4	17.3	16.6	19.2	6.4	23.3
2	16.3	25.3	28.2	32.8	34.3	19.0	12.6	18.2	17.4	18.6	6.6	24.0
3	16.6	24.9	29.4	33.4	32.9	20.2	11.4	18.7	17.5	17.7	6.1	24.4
4	17.6	23.9	30.8	34.0	32.2	20.5	10.5	18.8	17.5	17.1	6.3	24.7
5	18.8	22.3	31.5	34.5	31.0	20.8	9.8	18.9	17.4	16.7	7.6	24.9
6	20.6	20.0	32.3	35.1	30.0	20.4	9.9	18.8	17.1	16.7	9.1	24.7
7	21.5	18.2	33.0	35.6	29.6	19.8	9.9	18.2	16.3	16.2	10.5	24.3
8	22.3	14.7	34.2	36.1	29.4	18.9	9.9	17.2	15.2	15.7	11.8	23.4
9	22.8	12.5	35.3	36.6	29.4	18.0	9.9	16.3	14.2	15.0	12.9	21.7
10	23.2	11.0	36.7	37.0	29.5	17.1	10.3	15.3	13.3	14.4	14.0	19.5
11	23.6	9.8	37.9	37.2	29.5	16.5	10.8	14.7	12.4	13.8	14.2	17.0
12	23.9	8.7	38.5	37.7	29.6	16.3	11.1	14.0	11.7	13.1	14.2	15.3
13	24.3	7.8	39.3	37.7	29.6	16.6	10.6	13.7	11.0	12.5	14.3	14.8
14	24.3	7.2	39.3	37.7	29.2	16.9	10.9	13.4	10.8	11.9	14.7	13.9
15	24.1	6.7	39.3	37.9	28.6	16.8	11.1	13.0	10.3	11.5	15.1	13.4
16	23.3	6.3	38.7	38.1	27.6	16.4	11.4	13.1	9.9	11.4	15.3	13.5
17	22.8	5.9	38.4	38.5	26.4	15.9	11.5	13.4	11.0	11.8	15.4	14.4
18	21.5	5.9	38.1	38.9	25.1	15.2	11.7	13.5	13.5	12.2	15.3	15.6
19	20.1	6.3	37.8	39.5	24.1	14.2	11.9	12.9	16.3	12.4	15.1	16.7
20	19.2	7.1	37.7	39.8	23.3	12.9	12.0	11.9	17.9	12.4	14.5	17.3
21	18.3	8.6	37.5	40.1	22.6	12.0	11.8	10.3	18.7	12.2	13.9	17.4
22	17.9	10.0	37.1	40.2	22.0	11.0	11.7	8.4	18.3	11.6	14.0	16.7
23	18.3	12.4	36.9	40.3	21.4	10.6	11.7	7.4	17.5	10.8	13.8	15.6
24	19.6	14.4	36.6	40.3	20.5	10.8	11.4	7.4	16.8	9.7	13.1	14.5
25	20.8	17.2	35.7	39.9	19.3	11.4	10.9	9.5	16.6	8.6	12.8	13.3
26	21.7	20.4	34.8	39.5	18.3	12.0	10.6	11.3	17.4	7.6	13.4	12.6
27	22.2	23.4	34.2	38.8	17.7	12.8	10.3	12.9	18.5	6.9	15.0	12.9
28	23.8	25.5	33.5	38.1	17.4	13.4	11.2	14.0	19.3	6.5	18.0	14.4
29	24.5	32.9	37.4	17.6	13.7	12.0	14.7	19.5	6.1	20.6	16.5	
30	24.9	32.4	36.7	17.7	13.9	13.1	15.3	19.4	5.6	22.2	18.0	
31	25.3	32.2	32.2	17.8		15.5	16.0		5.5		6.1	12.6

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE.

MEAN	21.34	14.36	35.06	37.36	25.79	15.75	11.32	14.16	15.65	12.30	13.20	17.98
MAX.	25.3	25.5	39.3	40.3	35.7	20.8	15.5	18.9	19.5	19.2	22.2	24.9
MIN.	16.3	5.9	27.0	32.0	17.4	10.6	9.8	7.4	9.9	5.5	6.1	12.6

HIGHEST STAGE WAS 40.27 ON APR 23 AND 24.
LOWEST STAGE WAS 5.45 ON OCT 30.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA (REVISED), 928,700 SQUARE MILES. LOW WATER REFERENCE PLANE, MINUS 2.5 FEET ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE, DEC. 1890 TO AUG. 1932 IN REPORTS OF THE U.S. WEATHER BUREAU. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 5.4 FEET ON SEPT. 20 AND 21, 1976.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17.6	19.8	3.7	35.3	21.5	22.0	9.7	10.5	3.7	7.2	1.5	9.7
2	16.3	21.1	3.9	35.4	21.2	21.1	9.5	10.3	4.5	7.0	2.4	11.1
3	16.2	22.1	4.9	35.4	20.9	19.9	9.7	10.1	5.1	6.1	2.5	11.9
4	15.3	22.7	5.6	35.4	21.1	18.5	10.8	10.6	5.8	4.7	1.6	13.6
5	14.3	22.6	5.8	35.2	21.3	17.6	11.5	11.4	6.7	3.6	0.8	13.0
6	13.4	22.7	5.9	34.9	21.6	15.2	12.0	11.3	7.7	3.0	-0.1	13.7
7	12.4	22.3	6.2	34.4	22.1	14.4	12.2	11.2	8.5	2.5	-0.5	15.9
8	12.5	21.3	6.7	33.8	21.3	13.7	12.2	10.6	8.3	1.9	-0.8	18.4
9	12.5	19.7	7.3	32.9	20.6	13.3	12.1	10.0	6.7	1.5	-1.2	20.3
10	12.1	17.3	8.8	31.7	20.4	12.6	12.2	9.5	5.1	1.2	-1.6	21.8
11	12.0	14.5	10.6	30.3	21.5	12.2	12.4	9.3	4.1	0.7	-1.4	23.1
12	12.9	12.0	11.4	28.4	22.9	12.0	12.9	9.2	3.5	0.6	-1.4	24.4
13	15.1	10.2	12.4	26.5	24.6	11.9	12.7	9.5	3.1	0.1	-1.6	25.3
14	16.8	9.0	14.8	24.0	25.9	11.9	12.7	9.4	3.2	0.1	-1.8	26.1
15	17.8	8.4	16.9	23.8	26.7	12.0	12.8	9.2	3.0	0.2	-2.1	26.6
16	18.6	7.8	19.4	23.2	27.4	11.9	12.7	8.9	2.7	0.5	-1.9	26.9
17	19.7	7.6	21.9	23.1	27.8	11.3	12.5	8.5	2.9	1.4	-0.9	27.1
18	20.4	7.6	24.4	23.1	28.2	10.2	12.4	8.3	3.3	2.1	-0.7	27.1
19	18.4	7.5	26.1	23.1	28.5	9.1	12.7	8.2	2.6	2.7	0.2	27.3
20	16.8	7.3	27.5	23.1	28.7	8.0	13.3	7.7	1.6	3.4	1.5	27.4
21	15.1	7.1	28.7	22.7	28.8	7.3	13.9	6.8	1.8	3.7	3.7	27.4
22	13.5	6.8	29.7	22.2	28.8	6.9	14.1	5.9	3.3	3.3	5.4	27.2
23	12.5	6.6	30.4	21.7	28.5	7.2	13.4	5.5	4.9	2.5	6.9	26.9
24	12.0	6.3	31.3	21.4	28.1	7.4	12.3	5.1	6.5	2.0	7.7	26.3
25	12.5	6.1	31.9	21.4	27.4	7.9	10.9	4.5	7.8	1.2	7.8	25.3
26	12.7	5.6	32.4	21.6	26.6	8.4	9.8	3.8	8.7	0.7	6.8	23.7
27	12.9	4.8	33.0	21.8	25.7	8.8	9.3	2.8	8.5	0.2	6.1	22.2
28	13.4	4.1	33.6	22.0	25.0	9.2	9.1	2.2	8.2	-0.2	5.9	20.7
29	14.4		34.1	21.9	24.3	9.5	9.7	2.0	7.8	-0.4	7.3	19.3
30	16.4		34.5	21.7	23.6	9.8	10.3	2.8	7.4	0.3	8.8	18.2
31	18.3		34.9		22.8		10.7	3.1		0.6		17.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	14.98	12.53	19.30	27.04	24.63	12.03	11.68	7.67	5.22	2.07	2.02	21.45
MAX.	20.4	22.8	34.9	35.4	28.8	22.0	14.1	11.4	8.7	7.2	8.8	27.4
MIN.	12.0	4.1	3.7	21.4	20.4	6.9	9.1	2.0	1.6	-0.4	-2.1	9.7

HIGHEST STAGE WAS 35.4 ON APR. 2, 3, AND 4.
LOWEST STAGE WAS MINUS 2.1 ON NOV. 15.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION: LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE, VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION, DRAINAGE AREA (REVISED), 926,700 SQUARE MILES. LOW WATER REFERENCE PLANE, MINUS 2.5 FEET ON GAGE;

RECORDS AVAILABLE, STAGE, NOV. 10, 1871, TO DATE, DEC. 1890 TO AUG. 1932 IN REPORTS OF THE U. S. WEATHER BUREAU. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 5.40 FEET ON SEPT. 20 AND 21, 1976.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 183.91 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-0.9	-2.2	8.5	19.3	10.4	-0.1	7.5	1.2	3.7	10.2	14.5	17.8
2	-0.6	-2.4	17.9	20.1	10.6	-1.1	8.9	1.0	2.8	9.9	14.1	18.4
3	-1.2	-2.9	17.5	20.7	10.5	-1.2	9.2	-0.5	1.6	9.8	13.5	19.1
4	-1.7	-3.8	17.1	20.6	10.2	-1.8	9.9	-0.8	1.3	9.8	12.7	20.2
5	-1.8	-4.5	18.0	20.0	10.1	-2.2	9.1	-2.1	1.6	10.4	12.0	21.8
6	-1.7	-4.9	18.8	19.5	10.3	-2.3	8.7	-2.8	1.6	11.8	12.7	23.0
7	-1.7	-4.6	19.9	19.5	10.5	-2.6	8.4	-3.1	2.8	13.4	14.5	23.9
8	-1.7	-4.2	21.0	20.8	10.3	-2.5	8.1	-3.4	2.1	14.1	16.3	24.8
9	-1.5	-3.9	21.9	22.2	10.0	-2.4	7.1	-3.9	3.6	14.3	17.3	25.5
10	-1.0	-4.3	22.4	23.5	10.3	-2.3	6.2	-4.3	5.2	14.3	17.4	25.7
11	-0.7	-4.5	22.7	24.5	11.8	-2.2	5.6	-4.2	6.5	14.3	17.3	25.9
12	-0.4	-4.2	23.1	25.3	13.4	-2.1	5.0	-3.0	6.9	14.4	17.2	25.9
13	-0.7	-3.8	23.1	25.8	14.3	-2.2	4.6	-0.2	6.8	14.9	17.3	25.7
14	-0.6	-3.7	23.0	26.0	14.6	-2.2	4.2	2.6	6.4	15.6	17.4	25.8
15	-0.6	-3.3	23.1	26.0	14.1	-2.0	4.3	4.9	5.6	16.0	17.7	25.5
16	-0.7	-2.3	23.4	25.9	12.9	-1.0	4.2	6.4	4.9	15.9	18.3	25.0
17	-0.3	-1.4	23.7	25.3	11.4	0.0	3.9	7.5	4.3	15.6	18.6	24.3
18	0.4	1.8	23.9	24.7	9.8	0.0	3.7	8.5	4.7	15.1	18.1	23.6
19	0.5	4.1	23.7	23.2	8.3	-0.9	3.9	9.6	6.9	14.1	17.4	22.9
20	0.8	5.6	23.4	21.0	6.8	-1.9	4.1	10.8	10.3	12.6	16.5	22.3
21	0.7	6.3	23.0	18.0	5.5	-3.2	3.2	11.4	12.3	15.4	15.9	21.9
22	0.6	6.0	22.2	14.6	4.3	-2.9	2.3	11.3	12.7	10.1	15.6	21.8
23	0.7	5.1	21.2	12.8	3.5	-2.4	1.2	10.6	12.6	9.2	15.8	21.9
24	0.7	4.3	19.8	10.8	2.9	-1.7	0.3	9.4	12.4	8.8	16.2	22.2
25	0.5	3.7	18.7	8.9	2.3	-1.7	0.9	8.2	12.3	8.6	17.0	22.3
26	0.4	3.6	17.8	7.7	1.5	-1.9	1.4	6.7	11.9	8.6	17.6	21.8
27	0.2	4.3	16.9	8.6	0.7	-0.3	1.5	4.9	11.5	8.4	17.8	21.4
28	-0.2	5.9	16.4	9.5	1.3	2.1	1.4	3.9	11.2	8.2	17.6	20.9
29	-0.3	5.6	16.0	1.4	4.0	1.4	4.2	10.7	8.7	17.3	20.3	
30	-0.6	6.4	16.4	10.1	1.3	5.8	1.5	4.4	10.7	11.4	17.6	19.5
31	-1.3	18.1		1.1			1.3	4.1		13.7		18.5

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	-0.48	-0.37	19.77	18.82	7.94	-1.17	4.60	3.33	6.92	12.04	16.30	22.56
MAX.	0.8	6.3	23.9	26.0	14.6	5.8	9.9	11.4	12.7	16.0	18.6	25.9
MIN.	-1.8	-4.9	8.5	7.7	0.7	-3.2	0.3	-4.3	1.3	8.2	12.0	17.8

HIGHEST STAGE WAS 26.10 AT 400 P.M., APR. 14.
LOWEST STAGE WAS MINUS 4.90 AT 800 A.M., FEB. 6.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION: LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE, VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION, DRAINAGE AREA (REVISED), 928,700 SQUARE MILES, THE DRAINAGE AREA IN THE GREAT DIVIDE BASIN IN SOUTHERN WYOMING, APPROXIMATELY 4,000 SQUARE MILES, IS NO LONGER INCLUDED, AVERAGE LOW WATER PLANE, MINUS 1.0 FOOT ON GAGE.

RECORDS AVAILABLE, STAGE, NOV. 10, 1871, TO DATE, DEC. 1890 TO AUG. 1932 IN REPORTS OF THE U. S. WEATHER BUREAU, DISCHARGE, SEE NEXT STATION.

EXTREMES: HIGHEST, 50.4 FEET ON FEB. 9, 1937, LOWEST, MINUS 5.19 FEET ON JAN. 24, 1956. SEE NEXT STATION FOR DISCHARGES.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 183.91 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	15.8	16.7	26.8	21.5	14.2	6.0	8.7	4.6	-1.5	-5.1	4.4	-2.2
2	17.2	17.5	26.8	21.8	15.0	7.0	8.4	3.7	-1.6	-1.3	5.3	-1.7
3	18.3	18.1	26.7	22.1	15.8	8.4	8.2	2.9	-2.2	-0.1	6.1	-0.7
4	18.9	18.5	26.4	22.3	16.1	9.8	8.2	2.5	-2.1	-0.3	6.7	-0.2
5	19.6	18.6	26.3	22.4	16.1	12.2	8.6	2.9	-1.4	-1.1	6.8	-0.8
6	20.8	18.5	25.4	22.4	15.8	12.2	9.6	3.3	-2.4	-1.3	6.9	-0.1
7	21.8	17.9	24.3	22.3	15.3	12.6	10.7	3.5	-3.5	-1.0	6.9	-0.2
8	22.5	17.0	23.5	22.0	14.6	12.9	10.9	2.9	-4.0	-0.6	6.8	-0.8
9	22.9	15.4	23.5	21.3	13.7	12.6	10.7	1.8	-4.1	-1.2	6.4	-1.4
10	23.3	13.9	23.4	20.6	13.0	11.9	9.6	0.0	-4.8	-1.9	5.7	-1.5
11	23.7	12.6	23.4	19.8	12.3	10.9	8.6	0.0	-4.6	-2.9	4.6	-1.0
12	23.7	10.5	23.3	18.6	11.7	9.2	7.9	-0.1	-4.6	-3.0	3.1	-0.2
13	23.4	9.8	23.1	17.1	11.4	7.5	7.5	0.0	-4.5	-2.5	1.7	1.9
14	23.0	9.5	22.3	15.9	10.9	6.1	7.0	-0.2	-4.5	-1.3	0.8	3.5
15	21.8	10.2	21.5	14.6	9.8	5.0	6.5	-0.3	-4.2	-0.5	0.6	5.0
16	20.0	10.1	20.8	13.6	9.3	3.9	5.7	-0.5	-4.0	3.0	-0.2	6.1
17	17.9	9.9	20.2	12.7	9.4	2.7	5.3	-1.6	-4.3	5.3	-0.6	6.3
18	16.5	11.1	19.9	11.7	10.0	2.9	5.7	-1.1	-4.4	7.4	-1.1	5.6
19	15.7	12.8	19.6	11.3	10.1	3.5	6.2	-0.6	-4.2	8.5	-1.4	4.6
20	15.8	15.4	19.3	10.7	10.6	3.6	6.1	0.0	-5.3	8.3	-1.4	4.0
21	16.0	18.6	19.2	10.1	11.4	3.9	5.2	1.0	-5.4	6.5	-1.9	3.5
22	16.1	21.2	18.9	9.7	12.4	4.2	4.2	0.8	-4.8	4.0	-2.1	2.9
23	15.4	22.6	18.5	9.3	13.1	4.8	3.7	0.7	-4.2	2.5	-2.1	2.0
24	14.6	23.8	18.1	9.2	13.0	5.9	3.0	-0.5	-4.6	0.8	-2.0	1.4
25	13.5	24.9	18.2	9.5	12.1	6.8	1.9	0.5	-4.9	0.4	-2.6	1.1
26	12.4	25.8	18.6	10.6	10.5	7.4	1.4	-2.0	-4.9	-0.7	-3.1	1.2
27	11.4	26.3	19.2	11.7	9.5	8.0	2.1	-3.1	-5.1	-0.2	-2.7	-0.3
28	11.3	26.7	19.6	12.6	8.3	8.6	2.8	-3.1	-4.8	0.7	-2.5	-0.1
29	12.1	26.8	20.2	13.1	7.4	8.7	3.3	-2.9	-4.8	2.3	-2.3	-0.6
30	13.9	21.3	13.6	6.3	8.8	3.8	-2.4	-4.6	3.7	-1.8	-0.9	
31	15.5	21.3			5.6		4.4	-2.2		4.0		-1.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	17.89	17.26	21.91	15.79	11.75	7.59	6.30	0.33	-4.01	1.11	1.50	1.13
MAX.	23.7	26.8	26.8	22.4	16.1	12.9	10.9	4.6	-1.4	8.5	6.9	6.3
MIN.	11.3	9.5	18.1	9.2	5.6	2.7	1.4	-3.1	-5.4	-3.1	-3.1	-2.2

HIGHEST STAGE WAS 26.80 FROM 800 A.M., FEB. 28, TO 400 P.M., MAR. 2.

LOWEST STAGE WAS MINUS 5.40 FROM 400 P.M., SEP. 20 TO 800 A.M., SEP. 21.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION: LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE, VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA, 932,730 SQUARE MILES, BANKFULL STAGE, 35 FEET. AVERAGE LOW WATER PLANE, MINUS 1.0 FOOT ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE, DEC. 1890 TO AUG., 1932 IN REPORTS OF THE U. S. WEATHER BUREAU. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 5.19 FEET ON JAN. 24, 1956. SEE NEXT STATION FOR DISCHARGES.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	17.0	20.7	28.9	39.3	28.4	17.5	14.1	6.4	4.3	12.8	11.2	8.8
2	17.9	20.9	29.7	36.9	29.4	17.1	14.6	6.1	5.2	13.4	10.0	9.2
3	19.2	21.7	30.1	40.5	30.2	16.5	15.0	4.7	6.2	13.0	8.8	9.7
4	20.1	23.2	30.3	40.9	31.0	15.9	15.0	4.3	6.8	11.7	8.2	10.8
5	20.8	24.8	30.4	41.2	31.3	15.6	14.6	4.8	7.5	9.9	7.1	12.7
6	21.5	25.7	30.5	41.5	31.4	16.1	13.6	4.9	8.2	7.9	6.6	14.8
7	21.8	26.1	30.4	41.6	31.7	16.4	12.8	4.8	9.1	6.2	6.3	15.8
8	21.9	26.5	30.3	41.6	31.8	16.5	12.8	4.3	9.2	5.6	6.0	16.1
9	22.1	26.6	30.2	41.5	31.8	16.0	13.2	4.2	8.4	5.2	5.5	15.8
10	22.0	26.9	30.0	41.3	31.8	15.8	13.7	4.3	7.0	4.5	5.5	14.8
11	22.1	27.2	29.3	40.8	31.6	15.3	13.5	4.7	6.2	4.1	6.0	13.6
12	21.8	27.3	29.6	40.2	31.6	15.0	12.6	4.8	6.0	4.9	6.2	12.9
13	21.1	27.4	30.2	39.4	31.5	15.2	12.3	4.3	5.7	5.5	6.4	12.5
14	23.1	27.3	30.1	38.3	31.2	15.3	12.0	3.6	5.4	5.7	6.8	12.1
15	24.4	27.1	30.2	37.1	30.9	15.4	11.7	2.9	5.5	6.0	7.0	11.7
16	25.4	27.0	30.5	35.7	30.5	15.1	11.0	2.4	5.6	6.4	7.2	11.4
17	25.9	26.7	31.1	33.5	29.6	14.7	10.1	2.4	5.7	6.6	7.9	11.0
18	26.4	26.1	31.9	30.5	28.4	14.6	9.4	2.6	6.4	6.5	9.3	10.9
19	26.3	25.3	33.1	27.3	26.8	14.8	9.0	3.4	7.0	6.2	11.4	11.7
20	26.0	24.3	34.0	24.0	25.3	15.2	8.8	4.4	6.8	7.0	12.9	13.2
21	27.4	23.7	34.7	21.7	24.2	15.4	8.6	4.9	6.2	9.6	13.7	14.6
22	24.6	23.2	35.3	20.3	23.6	15.8	8.6	5.5	6.0	13.1	13.5	15.6
23	23.8	23.2	36.3	19.6	23.0	15.9	8.8	6.0	6.0	15.7	12.6	15.8
24	22.9	23.3	36.8	19.2	22.5	15.8	8.9	5.5	6.6	16.9	11.2	15.4
25	22.3	23.9	37.3	19.1	21.9	15.5	9.2	4.2	7.8	17.5	10.0	15.0
26	21.9	25.4	37.4	19.5	21.2	15.3	9.5	3.2	8.9	17.4	9.0	14.6
27	21.7	26.8	37.5	21.4	20.6	14.6	9.2	2.4	9.6	17.0	8.7	13.8
28	21.7	27.9	38.1	23.7	19.3	14.1	8.7	1.8	9.9	16.3	8.4	12.9
29	21.7	38.4	25.7	18.3	13.7	8.4	1.7	1.0.3	15.4	8.2	12.3	
30	21.5	38.6	27.2	17.9	13.5	7.9	2.5	11.4	14.0	8.1	12.7	
31	20.9	38.9	17.6			7.0	3.6		12.6			14.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	22.48	25.21	32.90	32.34	26.97	15.44	11.11	4.04	7.15	10.14	8.65	13.09
MAX.	27.4	27.9	38.9	41.6	31.8	17.5	15.0	6.4	11.4	17.5	13.7	16.1
MIN.	17.0	20.7	28.9	19.1	17.6	13.5	7.0	1.7	4.3	4.1	5.5	8.8

HIGHEST STAGE WAS 41.60 FROM 400 P.M., APR. 6 TO 400 P.M., APR. 8.
LOWEST STAGE WAS 1.70 AT 800 A.M., AUG. 29.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE, VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION, DRAINAGE AREA, 932,730 SQUARE MILES, BANKFULL STAGE, 35 FEET, AVERAGE LOW WATER PLANE, MINUS 1.0 FOOT ON GAGE.

RECORDS AVAILABLE, STAGE, NOV. 10, 1871, TO DATE, DEC. 1890 TO AUG. 1932 IN REPORTS OF THE U. S. WEATHER BUREAU, DISCHARGE, SEE NEXT STATION,

EXTREMES, HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 5.19 FEET ON JAN. 24, 1956. SEE NEXT STATION FOR DISCHARGES.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	25.4	36.6	26.8	27.4	19.6	27.8	22.1	4.4	6.1	3.8	0.7	12.0
2	26.4	36.9	26.6	27.7	18.8	27.5	22.6	4.5	8.3	4.0	0.5	11.8
3	27.0	37.1	26.1	25.3	18.4	27.3	22.8	4.7	9.3	4.9	0.4	11.4
4	27.5	37.3	25.4	23.8	17.8	27.4	22.7	4.6	9.8	5.0	0.3	11.0
5	27.5	37.4	24.5	23.0	17.4	27.8	22.6	4.5	10.4	5.0	1.3	10.8
6	27.6	37.5	23.4	22.9	17.0	28.3	22.2	4.2	12.0	5.2	1.6	11.2
7	27.8	37.4	22.4	23.4	17.0	29.7	21.6	3.8	13.1	5.0	2.7	12.0
8	28.1	37.3	21.3	24.2	17.4	30.2	20.8	3.6	13.3	4.0	5.0	13.1
9	28.4	37.2	20.9	24.9	17.7	30.5	20.1	3.6	13.6	3.2	8.3	14.0
10	29.0	37.0	21.3	25.5	17.8	30.9	19.0	3.4	14.2	2.9	10.9	14.4
11	30.1	36.5	21.2	26.0	17.8	31.1	18.2	3.5	14.2	2.1	12.2	14.4
12	30.4	35.8	23.2	26.9	17.5	31.3	17.4	3.8	13.8	1.5	11.9	14.4
13	30.8	35.1	24.1	27.4	17.1	31.5	16.2	4.1	13.0	1.3	11.1	14.8
14	31.1	34.1	24.8	27.8	16.6	31.6	14.9	5.1	11.8	1.3	10.4	15.3
15	31.2	33.1	25.4	28.2	16.4	31.6	13.9	7.0	11.9	0.9	10.5	15.7
16	31.6	31.6	26.0	28.4	16.3	31.5	13.1	8.2	10.7	0.4	11.0	16.0
17	32.0	29.6	26.6	28.6	16.7	31.0	11.8	9.2	11.0	0.8	11.4	16.2
18	32.5	26.9	27.1	28.8	17.8	30.3	10.4	9.4	11.3	1.2	11.4	16.3
19	33.0	25.2	27.8	28.7	19.3	29.5	9.7	8.4	11.4	1.9	11.5	16.3
20	33.5	23.8	28.4	28.4	21.1	28.4	9.2	7.0	11.2	2.8	11.7	16.0
21	33.8	23.1	28.9	27.8	22.5	26.9	9.0	6.3	10.5	3.5	11.4	15.6
22	34.2	23.4	29.4	27.8	23.4	25.1	8.6	6.2	9.5	3.7	11.3	15.3
23	34.5	23.7	29.6	27.1	24.1	23.5	8.2	5.7	8.3	3.7	11.1	15.3
24	35.0	24.6	29.7	25.9	24.6	22.0	7.9	4.4	6.7	3.7	11.0	15.1
25	35.4	25.5	29.6	25.0	25.3	20.8	7.6	4.5	5.5	3.4	10.9	14.9
26	35.7	26.1	29.5	23.9	25.9	20.2	6.7	4.1	4.9	2.6	10.9	14.7
27	36.0	26.4	29.2	22.9	26.5	20.1	5.9	4.0	5.2	1.9	11.1	14.6
28	36.3	26.7	28.9	21.9	26.8	20.4	5.5	3.8	5.5	1.2	11.5	14.6
29	36.4		28.7	21.2	27.0	20.9	5.0	3.6	5.6	1.1	12.1	14.8
30	36.4		28.4	20.3	27.1	21.4	4.8	3.7	4.7	1.2	12.3	15.4
31	36.4		29.0		27.1		4.6	4.3		1.1		16.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	31.64	31.52	26.25	25.69	20.50	27.21	13.70	5.07	9.88	2.71	8.60	14.30
MAX.	36.4	37.5	29.7	28.8	27.1	31.6	22.8	9.4	14.2	5.2	12.3	16.3
MIN.	25.4	23.1	20.9	20.3	16.3	20.1	4.6	3.4	4.7	0.4	0.3	10.8

HIGHEST STAGE WAS 37.5 ON FEB. 6.
LOWEST STAGE WAS 0.3 ON NOV. 4.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILF 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA, 932,730 SQUARE MILES. RANKFULL STAGE, 35 FEET, AVERAGE LOW WATER PLANE, MINUS 1.0 FOOT ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE U. S. WEATHER BUREAU. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 5.19 FEET ON JAN. 24, 1956. SEE NEXT STATION FOR DISCHARGES.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 183.91 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	31.0	26.6	15.4	40.9	39.5	29.1	18.8	17.7	6.0	5.0	9.8	24.9
2	30.6	26.3	14.7	41.0	40.0	29.5	18.4	17.1	5.6	8.0	10.0	26.5
3	30.5	26.0	14.1	41.1	40.3	29.8	18.6	16.1	5.4	10.5	10.9	27.3
4	30.6	25.7	13.9	41.2	40.6	30.0	18.6	15.1	5.4	12.8	11.9	28.1
5	30.5	25.6	14.1	41.3	40.8	30.2	18.4	14.2	4.6	14.5	12.8	29.0
6	30.5	25.4	14.4	41.3	40.9	30.4	17.8	13.1	3.8	15.8	13.0	29.6
7	30.6	25.6	14.8	41.3	41.2	30.5	16.8	11.9	4.0	16.6	12.9	30.0
8	30.5	26.5	15.2	41.2	41.4	30.6	16.2	10.6	4.2	16.8	12.6	30.4
9	30.4	27.1	16.3	41.1	41.4	30.5	15.9	9.8	4.0	16.9	12.3	30.7
10	30.2	27.7	18.4	40.7	41.2	30.5	16.4	9.2	3.8	17.1	11.7	30.8
11	29.8	28.3	21.4	40.4	41.1	30.3	17.0	8.6	3.8	17.2	10.9	31.0
12	29.4	28.7	23.7	40.1	41.0	30.2	16.8	7.5	3.2	16.9	10.0	30.7
13	28.5	29.1	25.6	39.8	40.8	30.1	15.8	7.2	3.4	16.2	9.6	30.1
14	27.5	29.5	27.4	39.6	40.5	29.9	14.5	7.9	4.3	14.9	9.2	28.9
15	25.6	29.6	28.7	39.3	40.0	29.6	13.8	8.7	4.4	13.2	9.1	26.5
16	23.5	29.2	30.2	39.0	39.4	28.9	13.4	9.5	3.9	11.9	8.8	23.8
17	21.4	28.8	31.2	38.7	38.9	27.9	13.0	11.1	3.7	12.0	8.0	20.8
18	19.1	28.4	32.0	38.4	36.4	26.9	12.5	11.6	3.6	13.4	7.6	18.6
19	17.2	28.3	32.9	38.1	37.8	25.5	11.7	11.5	3.1	14.4	7.6	16.8
20	15.6	28.1	33.7	38.6	37.6	24.6	11.2	11.5	3.0	14.5	7.5	16.0
21	15.4	27.9	34.9	38.5	36.9	23.7	10.6	11.5	3.0	14.6	8.1	14.9
22	16.8	27.4	36.0	38.4	36.2	23.2	10.1	10.7	2.7	14.8	8.4	14.6
23	18.6	26.3	37.3	38.6	35.4	23.9	9.4	10.2	2.3	15.0	8.4	14.4
24	21.3	24.6	38.4	38.5	34.3	23.0	9.4	9.5	2.4	15.2	8.3	13.9
25	23.4	22.7	39.3	38.5	33.1	23.2	10.0	9.2	2.6	15.0	9.4	13.8
26	24.9	20.5	39.8	38.6	31.5	23.3	11.8	8.7	2.6	14.7	11.3	14.2
27	25.9	18.2	40.1	38.8	30.3	23.1	15.1	8.4	2.4	14.2	15.4	15.6
28	26.6	16.4	40.4	39.0	29.2	22.4	17.5	7.8	2.7	13.3	18.6	17.3
29	27.0			40.6	39.2	28.6	21.2	18.6	7.3	3.0	12.2	20.5
30	27.0			40.7	39.4	28.6	19.9	18.7	6.8	3.7	11.0	22.9
31	26.8			40.8		28.7	18.3	6.4			10.1	24.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	25.69	26.22	27.94	39.68	37.27	27.05	14.99	10.52	3.68	13.82	11.24	23.05
MAX.	31.0	29.6	40.8	41.3	41.4	30.6	18.8	17.7	6.0	17.2	22.9	31.0
MIN.	15.4	16.4	13.9	38.1	28.6	19.9	9.4	6.4	2.3	5.0	7.5	13.8

HIGHEST STAGE WAS 41.44 ON MAY 8.
LOWEST STAGE WAS 2.20 AT 400 P.M., SEP. 23.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA, 932,730 SQUARE MILES. BANKFULL STAGE, 35 FEET. AVERAGE LOW WATER PLANE, MINUS 1.0 FOOT ON GAGE.

RECORDS AVAILABLE, STAGE, NOV. 10, 1871, TO DATE, DEC. 1890 TO AUG. 1932 IN REPORTS OF THE U. S. WEATHER BUREAU. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 5.19 FEET ON JAN. 24, 1956. SEE NEXT STATION FOR DISCHARGES.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 183.91 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11.4	17.3	18.5	22.0	33.8	13.3	12.7	10.3	6.1	8.4	10.8	23.8
2	11.3	17.5	20.0	21.3	34.1	12.0	14.3	10.8	5.9	8.4	11.7	23.1
3	10.7	17.6	21.4	20.7	34.1	10.8	15.7	10.9	6.0	9.3	12.4	22.6
4	10.7	17.6	22.6	20.2	34.0	10.4	16.5	11.3	6.0	10.3	13.4	22.4
5	12.0	17.4	23.8	19.5	33.9	10.2	17.1	11.6	5.7	10.8	15.0	22.2
6	14.6	17.2	24.9	18.7	33.7	10.1	17.4	11.7	5.3	11.3	16.5	22.0
7	17.1	16.9	25.8	17.8	33.5	9.7	17.3	12.0	5.0	12.0	18.7	21.7
8	18.4	16.1	26.7	16.9	33.3	9.1	16.8	11.9	4.8	12.6	20.1	21.4
9	19.2	15.6	27.2	16.3	33.0	8.7	15.9	11.8	4.7	12.9	20.8	21.7
10	20.1	15.0	27.5	15.9	32.6	8.1	14.8	11.8	4.6	14.0	21.3	22.0
11	20.2	14.5	27.6	15.6	31.9	7.4	13.6	12.5	4.7	12.3	21.2	22.7
12	21.3	13.9	27.6	15.9	31.0	7.0	12.6	13.2	4.7	11.9	20.9	23.9
13	22.0	13.4	27.5	16.7	29.3	6.7	11.8	12.8	4.5	11.8	20.9	25.6
14	22.4	12.4	27.4	17.8	29.5	6.4	11.3	11.7	4.2	11.8	21.1	26.7
15	22.6	11.4	27.1	19.1	28.9	6.0	11.1	11.1	4.4	11.7	21.2	27.8
16	22.8	10.4	26.9	20.3	28.2	5.7	10.9	10.7	4.6	10.7	21.9	28.5
17	22.7	9.9	26.6	22.1	27.6	5.8	10.9	10.4	4.8	9.9	22.8	29.3
18	22.5	10.1	26.2	27.0	26.9	6.4	10.6	10.4	5.3	9.4	24.0	30.1
19	22.0	11.1	25.9	25.7	26.2	7.0	10.6	10.3	5.9	9.0	25.0	30.6
20	21.6	12.9	25.6	26.7	25.4	8.0	10.5	10.0	6.9	8.8	25.3	31.2
21	21.1	14.8	25.1	27.4	24.7	9.4	10.6	9.9	8.4	8.7	25.4	31.5
22	20.1	16.3	24.7	28.0	24.1	10.8	10.7	9.8	9.6	9.0	25.5	31.9
23	18.7	16.8	24.3	28.6	23.2	11.4	10.6	9.9	10.2	9.2	25.6	32.0
24	17.4	16.8	23.8	29.4	22.3	11.4	10.2	9.8	10.2	9.4	25.5	32.1
25	16.2	16.5	23.3	30.3	21.1	11.3	9.9	9.8	9.7	9.8	25.4	32.3
26	15.2	16.4	22.6	31.1	19.6	11.0	10.0	9.9	9.1	9.6	25.4	32.3
27	14.9	16.6	22.2	31.8	18.6	10.7	9.9	10.1	8.4	9.5	25.3	32.3
28	15.4	16.9	22.0	32.4	17.1	10.6	8.9	9.2	7.8	9.4	25.0	32.3
29	16.0	17.4	22.0	33.1	15.9	11.0	8.4	7.6	7.6	9.4	24.6	31.9
30	16.5		22.2	33.5	15.1	11.5	8.6	6.7	8.4	9.7	24.3	31.6
31	17.0		22.3		14.2		9.4	6.3		10.4		31.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	17.86	15.05	24.55	23.38	26.98	9.25	12.24	10.51	6.44	10.36	21.22	27.44
MAX.	22.8	17.6	27.6	33.5	34.1	13.3	17.4	13.2	10.2	14.0	25.6	32.3
MIN.	10.7	9.9	18.5	15.6	14.2	5.7	8.4	6.3	4.2	8.4	10.8	21.4

HIGHEST STAGE WAS 34.07 ON MAY 2 AND 3.
LOWEST STAGE WAS 4.20 ON SEP. 14.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA, 932,730 SQUARE MILES. BANKFULL STAGE, 35 FEET. AVERAGE LOW WATER PLANE, MINUS 1.0 FOOT ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE U. S. WEATHER BUREAU. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 5.19 FEET ON JAN. 24, 1956. SEE NEXT STATION FOR DISCHARGES.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 183.91 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	20.5	11.3	31.9	19.5	11.0	12.7	7.8	5.7	5.1	2.5	4.1	3.3
2	20.5	11.6	32.5	19.3	11.2	12.1	8.0	5.9	4.1	2.8	3.7	3.4
3	20.1	11.9	32.9	18.6	11.4	11.4	7.8	6.6	2.8	3.2	3.1	4.0
4	19.5	11.5	33.3	17.9	11.5	11.5	7.5	7.0	1.8	3.4	2.2	4.6
5	17.8	10.8	33.5	17.4	11.5	11.5	6.8	7.4	1.4	3.2	1.7	5.4
6	15.9	9.7	33.7	17.0	11.6	11.5	6.2	7.8	1.4	2.6	2.0	6.4
7	14.5	9.0	34.0	16.9	11.7	11.8	5.5	8.1	1.2	1.9	2.4	7.7
8	13.0	9.2	34.1	16.8	11.7	11.9	4.8	8.3	0.6	1.4	3.1	8.4
9	14.1	10.4	34.0	16.7	11.7	11.6	4.1	8.7	0.4	1.2	4.1	8.8
10	15.3	12.5	34.0	16.6	12.2	11.2	3.7	9.1	1.1	1.5	5.0	10.1
11	16.2	15.7	33.7	16.3	12.7	11.3	3.0	9.5	2.2	1.6	5.6	10.7
12	16.8	18.4	33.2	15.8	13.3	11.6	2.7	10.1	2.2	1.2	5.7	12.4
13	17.3	20.4	32.4	15.3	15.2	11.7	3.2	9.9	1.8	0.5	5.4	14.6
14	17.5	21.4	31.5	14.7	17.3	11.1	4.2	9.1	1.4	0.5	5.0	16.6
15	17.7	22.1	30.6	14.2	19.3	10.2	5.5	7.6	1.4	0.1	4.7	17.8
16	18.0	22.3	29.5	13.9	21.1	9.7	6.6	5.8	1.5	-0.1	4.2	18.6
17	17.9	22.1	28.3	13.8	22.5	10.0	7.7	4.8	1.8	-0.2	3.8	18.9
18	17.1	21.7	27.4	13.5	23.4	11.0	8.8	4.2	2.2	0.5	3.6	19.1
19	16.3	21.3	26.7	13.2	23.9	12.0	9.6	3.6	3.5	0.6	3.8	19.4
20	15.6	21.2	26.1	12.6	24.1	13.0	9.5	2.8	4.5	0.1	3.6	19.8
21	15.1	21.1	25.7	11.8	24.0	13.6	9.0	2.0	6.6	-0.2	3.5	20.3
22	15.0	22.0	25.5	11.4	23.5	13.7	8.8	1.3	7.0	-0.5	3.4	20.4
23	14.8	22.4	25.1	11.1	22.7	13.4	8.8	1.2	7.0	-0.9	3.1	19.9
24	14.5	24.2	24.3	10.5	21.5	12.9	8.8	1.7	6.6	-0.8	3.0	19.0
25	14.1	26.6	23.3	9.7	20.2	11.7	9.1	2.8	6.2	-0.2	3.0	17.8
26	13.3	28.5	22.4	9.3	18.5	10.1	9.5	4.1	5.7	0.4	3.2	16.6
27	12.7	30.0	21.3	9.4	17.4	9.1	9.9	4.6	5.1	0.4	3.6	15.7
28	12.4	31.1	20.4	9.8	16.5	8.9	8.6	4.2	4.2	0.7	3.8	15.0
29	12.1		20.2	10.3	15.4	8.5	7.0	3.6	3.0	1.9	3.9	14.3
30	11.7		20.0	10.9	14.3	8.0	6.3	4.3	2.4	3.2	3.6	13.8
31	11.4		19.7		13.5		6.0	5.1		3.8		13.0

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	15.75	18.58	28.42	14.13	16.63	11.28	6.92	5.70	3.20	1.16	3.69	13.40
MAX.	20.5	31.1	34.1	19.5	24.1	13.7	9.9	10.1	7.0	3.8	5.7	20.4
MIN.	11.4	9.0	19.7	9.3	11.0	8.0	2.7	1.2	0.4	-0.9	1.7	3.3

HIGHEST STAGE WAS 34.06 FROM 400 P.M. MAR. 7 TO 400 P.M. MAR. 8

LOWEST STAGE WAS MINUS 1.00 AT 400 P.M. OCT. 23

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA, 932,730 SQUARE MILES. BANKFULL STAGE, 35 FEET. AVERAGE LOW WATER PLANE, MINUS 1.0 FOOT ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE U. S. WEATHER BUREAU. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 5.19 FEET ON JAN. 24, 1956. SEE NEXT STATION FOR DISCHARGES.

DAILY EIGHT A.M. STAGE IN FEET

GAGE ZERO, 183.91 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.1	4.6	17.2	18.3	29.9	15.5	13.7	2.8	1.9	18.4	7.6	12.2
2	11.5	7.0	15.8	18.6	30.5	15.2	12.5	2.6	1.1	18.9	8.8	11.0
3	15.1	9.3	14.4	18.1	30.8	15.3	11.1	2.7	0.4	19.0	10.3	9.6
4	18.3	11.5	13.9	18.8	31.2	15.1	10.4	3.2	0.3	18.3	11.4	8.2
5	20.0	14.0	13.0	20.1	31.7	14.8	9.5	3.6	0.4	16.8	11.5	6.9
6	21.8	15.7	13.3	22.0	32.4	18.7	8.7	4.2	0.0	14.6	11.6	6.7
7	22.9	16.6	14.2	24.4	33.1	17.3	8.4	5.1	0.8	12.2	12.1	6.6
8	23.8	17.5	15.1	26.0	33.8	18.6	7.9	5.8	1.3	10.2	13.1	6.6
9	24.0	18.3	16.4	27.1	34.1	19.6	7.2	6.1	1.9	8.8	13.8	6.8
10	23.5	18.8	17.6	27.6	34.3	20.4	6.5	6.6	1.2	7.1	14.0	7.3
11	22.0	18.9	18.6	28.0	34.4	21.0	5.8	7.9	0.6	5.9	13.9	7.4
12	20.6	19.1	19.5	28.1	34.3	20.8	5.4	9.0	0.4	5.6	13.9	7.5
13	18.4	18.8	20.1	28.2	33.8	19.9	5.3	10.4	0.6	5.4	14.1	7.2
14	15.9	18.7	20.4	28.1	33.0	19.2	5.1	10.9	0.2	5.7	14.3	7.4
15	13.4	18.9	20.2	28.0	31.7	18.1	5.0	11.2	-0.3	6.8	14.5	7.2
16	10.8	19.3	19.7	27.6	30.0	17.7	5.0	11.0	-0.3	10.5	14.5	7.2
17	8.6	19.5	18.9	27.0	28.3	17.6	5.4	10.1	0.6	13.6	14.0	7.6
18	7.2	19.9	17.9	25.5	26.6	18.3	5.0	8.5	1.9	14.5	13.3	9.0
19	6.2	20.5	17.0	23.6	25.6	19.3	4.0	6.3	3.5	14.2	12.7	10.5
20	6.2	20.9	16.6	22.2	25.5	19.9	3.6	4.4	4.5	13.3	12.6	11.4
21	6.0	20.9	16.4	20.2	25.9	20.0	3.9	3.4	5.6	12.1	12.4	11.8
22	6.0	20.8	16.4	19.6	26.3	19.5	4.0	3.6	7.2	11.2	12.4	12.4
23	5.7	20.5	16.7	20.3	26.5	18.9	4.5	3.8	9.0	9.7	12.8	13.5
24	5.3	20.4	16.8	22.1	26.3	18.7	4.8	4.0	10.6	8.6	13.1	14.7
25	4.8	20.3	16.4	24.0	25.9	18.6	4.4	4.4	11.0	8.4	13.2	16.2
26	4.6	20.2	16.6	26.3	24.9	18.4	4.2	4.8	10.6	8.1	13.6	17.6
27	4.4	19.6	16.7	27.3	23.3	18.2	4.1	5.2	11.3	7.6	14.4	18.8
28	4.4	18.6	17.2	28.3	21.3	17.6	3.4	5.0	13.5	7.5	14.4	19.7
29	4.0		17.8	29.1	19.4	16.5	2.3	4.4	15.9	7.6	14.0	20.2
30	3.0		18.0	29.4	17.7	14.9	2.0	4.0	17.4	7.6	13.3	20.2
31	3.1		18.2		15.3		2.6	3.7		7.4		20.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	11.88	17.46	16.99	24.46	28.31	18.11	5.98	5.76	4.43	10.82	12.85	11.28
MAX.	24.0	20.9	20.4	29.4	34.4	21.0	13.7	11.2	17.4	19.0	14.5	20.4
MIN.	3.0	4.6	13.0	18.1	15.3	14.8	2.0	2.6	-0.3	5.4	7.6	6.6

HIGHEST STAGE WAS 34.39 FROM 400 P.M., MAY 10 TO 400 P.M., MAY 11.
LOWEST STAGE WAS MINUS 0.32 FROM 800 A.M., SEP. 15 TO 800 A.M., SEP. 16.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA, 932,730 SQUARE MILES. BANKFULL STAGE, 35 FEET. AVERAGE LOW WATER PLANE, MINUS 1.0 FOOT ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE U. S. WEATHER BUREAU. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 5.19 FEET ON JAN. 24, 1956. SEE NEXT STATION FOR DISCHARGES.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13.6	25.0	13.6	20.6	30.4	16.8	19.2	17.0	4.5	2.4	6.5	8.4
2	16.1	26.6	13.2	20.7	29.7	15.3	19.6	15.8	3.2	2.6	5.8	7.3
3	17.5	28.0	13.1	20.5	28.6	13.5	20.1	14.9	2.6	2.5	5.4	6.6
4	17.6	28.9	13.3	20.0	27.8	11.8	20.5	14.1	2.2	2.0	5.0	6.3
5	17.3	29.7	13.6	19.7	27.0	11.1	20.8	13.4	2.1	1.9	5.6	5.8
6	16.9	30.3	13.9	19.3	26.2	11.1	20.9	12.2	2.6	2.1	5.0	5.1
7	16.6	30.9	13.8	18.9	25.4	11.5	20.9	10.8	3.0	2.2	5.6	4.9
8	16.1	31.3	13.3	18.5	24.5	11.8	20.8	9.9	3.4	1.8	6.1	4.7
9	15.4	31.5	12.9	18.6	23.2	11.5	20.8	8.8	3.7	1.6	6.1	4.8
10	14.2	31.7	12.8	20.2	21.5	10.8	21.3	8.0	4.0	1.5	5.9	5.1
11	12.8	31.9	12.5	21.6	20.1	10.0	21.9	7.3	4.4	1.4	5.6	6.0
12	11.1	32.1	12.0	23.4	19.1	9.5	22.4	7.4	4.7	1.5	5.0	7.0
13	9.1	32.3	11.5	24.7	18.6	9.0	23.0	7.4	4.1	1.5	4.4	7.0
14	6.8	32.6	11.6	25.9	18.5	8.8	23.5	7.5	4.1	1.4	4.0	6.8
15	5.3	32.8	11.3	26.5	18.5	9.2	24.2	8.1	4.0	2.0	3.6	6.3
16	4.0	32.9	10.7	26.9	18.5	10.0	24.8	8.9	3.8	5.8	3.6	6.4
17	3.6	32.7	10.1	27.1	18.9	10.8	25.3	9.6	3.6	11.3	4.0	6.4
18	3.1	32.2	9.6	27.5	19.2	11.1	25.8	9.7	2.6	15.1	4.5	6.5
19	3.4	31.4	8.8	27.7	19.5	10.9	26.0	9.1	2.0	16.9	4.6	7.1
20	4.8	30.2	7.8	28.2	19.6	11.1	26.0	7.0	1.9	18.1	4.3	7.9
21	7.7	28.2	6.9	28.5	19.8	11.5	25.9	6.7	2.5	18.5	4.5	8.7
22	11.5	25.5	6.6	28.9	20.0	11.4	25.2	7.5	3.4	17.9	5.6	9.0
23	15.2	22.8	7.0	29.5	20.1	10.9	24.1	7.7	4.4	16.2	7.3	8.7
24	17.6	20.1	7.8	29.9	20.1	10.3	23.0	8.1	5.0	14.1	8.6	7.7
25	19.1	17.7	8.0	30.2	19.8	10.5	21.8	8.4	5.3	12.1	9.5	7.0
26	20.3	16.2	9.1	30.4	19.6	12.7	21.0	8.8	5.5	11.0	9.9	6.7
27	21.2	15.1	11.6	30.6	19.4	15.2	20.7	9.4	4.9	10.2	10.0	6.0
28	22.0	14.3	14.2	30.9	19.3	17.0	20.5	9.9	3.7	9.4	9.8	4.3
29	22.5		16.7	30.9	19.2	18.2	19.9	9.8	2.5	8.8	9.3	3.7
30	22.8		18.6	30.6	18.8	18.9	18.9	8.0	2.0	8.0	8.9	4.0
31	23.6		19.9		18.0		17.9	6.1		7.2		4.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	13.82	27.67	11.79	25.22	21.57	12.07	22.14	9.58	3.52	7.38	6.13	6.35
MAX.	23.6	32.9	19.9	30.9	30.4	18.9	26.0	17.0	5.5	18.5	10.0	9.0
MIN.	3.1	14.3	6.6	18.5	18.0	8.8	17.9	6.1	1.9	1.4	3.6	3.7

HIGHEST STAGE WAS 32.92 AT 800 A.M., FEB. 16.
 LOWEST STAGE WAS 1.40 FROM 400 P.M., OCT. 10 TO 800 A.M., OCT. 11 AND 400
 P.M., OCT. 13.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28, MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA, 932,730 SQUARE MILES. BANKFULL STAGE, 35 FEET. AVERAGE LOW WATER PLANE, MINUS 1.0 FOOT ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE U. S. WEATHER BUREAU. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 5.19 FEET ON JAN. 24, 1956. SEE NEXT STATION FOR DISCHARGES.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	25.5	15.5	4.2	26.3	14.3	25.8	9.9	8.6	1.9	2.3	3.5	10.1
2	24.6	16.6	3.8	26.0	14.3	26.8	10.2	9.5	1.1	2.4	3.4	10.8
3	23.4	17.2	3.2	25.9	13.6	27.5	10.9	9.8	0.5	2.2	3.4	11.7
4	22.2	18.3	3.0	26.2	12.4	28.0	9.7	9.6	0.4	1.9	3.8	13.0
5	20.4	20.0	3.0	26.2	11.4	28.4	9.7	9.4	0.2	1.5	3.9	13.8
6	18.8	21.9	2.4	26.3	10.3	28.7	9.8	9.3	-0.1	1.8	4.4	13.6
7	17.9	23.6	2.0	26.8	9.9	28.8	9.7	8.9	-0.2	1.7	4.5	13.0
8	17.4	24.8	1.7	27.5	10.1	29.0	9.6	9.1	-0.4	1.6	4.2	12.4
9	17.2	25.4	1.2	27.9	10.1	29.1	9.5	10.3	-0.8	1.8	4.1	12.0
10	17.3	25.8	0.8	28.2	9.6	29.2	9.4	11.2	-0.9	2.1	4.1	11.6
11	17.1	25.8	-0.2	28.3	9.0	29.1	9.3	11.4	-1.0	2.1	4.5	11.2
12	16.8	25.8	0.5	28.3	9.1	28.9	9.1	11.2	-1.3	1.7	4.9	10.8
13	16.8	25.5	0.8	28.1	9.4	28.5	9.0	10.5	-0.9	1.6	5.1	10.9
14	16.7	25.0	1.6	27.8	10.4	27.6	9.2	10.0	-0.5	1.8	5.4	10.5
15	16.8	24.2	3.7	27.2	10.8	25.6	9.2	10.1	-0.2	1.6	5.6	9.9
16	16.8	23.1	6.6	26.3	11.5	23.0	9.1	10.3	0.2	0.9	5.6	9.1
17	16.7	21.6	9.3	25.2	12.8	19.4	9.0	11.0	0.4	1.1	5.0	7.9
18	16.7	20.1	11.8	23.8	13.9	15.9	8.8	11.8	0.5	2.2	4.9	6.1
19	16.6	18.5	14.5	22.2	14.8	13.4	8.6	12.2	0.4	3.1	4.6	4.7
20	16.2	16.6	16.8	20.4	15.4	12.2	8.5	11.7	0.2	3.8	4.8	3.9
21	15.6	14.6	19.0	19.0	15.9	11.4	7.9	10.8	0.1	4.1	6.1	3.0
22	14.7	12.7	20.5	17.8	16.1	10.3	7.7	10.3	0.2	4.0	7.8	2.7
23	13.7	11.0	21.8	17.1	16.2	9.4	7.4	9.9	0.2	4.2	9.2	2.4
24	12.2	9.7	22.7	16.1	15.8	8.9	8.8	8.7	0.1	4.3	9.4	2.5
25	11.2	8.5	23.2	15.3	15.5	8.8	6.6	7.5	0.2	4.4	9.0	3.5
26	10.7	7.0	23.9	14.6	15.4	8.4	6.6	6.9	0.2	5.1	8.6	5.0
27	11.1	6.0	24.7	14.2	15.6	8.1	7.0	6.6	0.3	5.6	8.6	6.5
28	11.9	5.2	25.2	13.9	16.4	8.3	6.9	5.9	0.7	5.4	9.0	8.2
29	13.0	4.8	25.7	13.6	19.2	8.5	7.0	5.0	1.6	4.6	9.3	8.4
30	14.1		26.0	13.9	22.3	9.0	7.6	3.9	2.0	3.9	9.3	9.4
31	15.0		26.3		24.3		8.2	2.9		3.6		11.2

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	16.61	17.74	11.27	22.67	13.73	19.86	8.70	9.16	0.16	2.84	5.86	8.70
MAX.	25.5	25.8	26.3	28.3	24.3	29.2	10.9	12.2	2.0	5.6	9.4	13.8
MIN.	10.7	4.8	-0.2	13.6	9.0	8.1	6.6	2.9	-1.3	0.9	3.4	2.4

HIGHEST STAGE WAS 29.16, JUNE 10.
LOWEST STAGE WAS MINUS 1.30, SEP. 12.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35°08'32", LONG. 90°03'28". MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE, VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

GENERAL INFORMATION. DRAINAGE AREA, 932.730 SQUARE MILES. BANKFULL STAGE, 35 FEET. AVERAGE LOW WATER PLANE, MINUS 1.0 FOOT ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE U. S. WEATHER BUREAU. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 5.19 FEET ON JAN. 24, 1956. SEE NEXT STATION FOR DISCHARGES.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	11.3	6.8	11.3	26.2	19.6	25.3	19.5	9.5	3.5	1.7	4.2	6.6
2	12.1	7.9	11.9	25.1	20.4	22.4	19.7	10.8	3.1	1.9	4.4	7.7
3	12.6	8.6	12.2	24.0	20.4	18.5	20.1	11.9	3.0	2.1	4.6	8.8
4	12.7	9.9	11.8	22.4	20.6	15.5	20.3	12.5	2.8	2.4	5.4	9.6
5	12.7	11.4	11.2	20.7	20.9	13.8	20.4	12.6	2.9	2.8	7.5	11.7
6	12.6	12.5	10.6	19.7	21.1	13.1	20.8	12.6	2.8	3.0	10.7	14.2
7	12.2	13.1	10.4	19.4	21.1	13.1	20.9	12.4	2.9	2.8	12.8	16.8
8	11.5	13.1	9.9	20.0	20.9	13.4	21.1	11.8	2.9	2.3	13.7	18.4
9	10.6	13.1	11.2	20.3	20.6	13.5	20.9	10.8	1.8	1.9	14.0	19.1
10	9.3	13.3	14.7	20.4	20.5	13.2	20.9	9.9	0.8	1.8	13.6	19.4
11	8.1	13.5	18.9	19.5	20.6	12.7	20.1	9.4	0.8	1.6	12.8	19.3
12	7.2	13.4	21.7	18.4	21.2	12.2	19.5	9.2	1.6	1.7	11.6	19.0
13	6.0	13.2	23.5	17.5	22.3	11.6	19.3	9.3	2.1	2.2	10.2	18.7
14	4.8	12.6	24.9	17.0	23.3	11.1	19.6	9.4	1.7	3.0	9.2	19.1
15	4.6	11.9	25.8	16.6	24.4	10.8	19.7	8.8	0.7	3.6	8.7	19.5
16	4.9	10.8	26.3	16.5	25.5	11.3	19.8	7.9	0.5	4.2	8.3	19.7
17	5.0	9.4	26.6	16.6	27.0	12.2	19.6	7.2	0.6	4.6	7.7	20.0
18	4.2	7.9	26.8	16.6	28.3	13.3	19.2	6.2	0.7	4.0	7.2	20.5
19	3.6	7.1	27.2	16.8	29.2	14.6	18.3	5.0	0.7	3.3	7.0	20.8
20	3.6	6.5	27.5	17.4	29.9	15.9	16.8	4.1	0.9	3.7	6.6	21.0
21	3.6	6.0	27.8	18.1	30.2	16.7	14.8	3.5	1.5	4.3	6.1	21.4
22	3.3	6.5	28.0	18.6	30.5	17.3	12.4	3.0	2.1	4.6	5.4	21.9
23	2.9	7.2	28.2	18.7	30.7	17.7	10.2	2.6	2.3	4.8	4.8	22.3
24	2.4	8.0	28.3	18.8	30.8	18.1	9.0	3.0	2.4	5.2	4.6	23.2
25	1.9	9.2	28.4	18.3	30.7	18.5	8.5	3.6	2.2	5.2	4.8	24.4
26	1.4	10.1	28.5	18.1	30.7	18.7	8.3	3.9	2.0	5.0	5.2	25.4
27	1.8	10.7	28.6	17.8	30.5	18.9	7.9	3.6	1.4	4.8	5.8	26.0
28	2.0	11.0	28.5	17.6	30.1	19.1	7.4	3.2	1.2	4.5	6.3	26.4
29	2.5		28.2	18.1	29.6	19.2	8.0	3.2	1.2	4.4	6.0	26.5
30	3.2		27.7	18.7	28.7	19.4	8.2	3.9	1.4	4.4	6.0	26.4
31	5.2		27.2		27.3		8.4	4.0		4.3		26.1

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	6.44	10.16	21.73	19.12	25.40	15.69	16.11	7.37	1.81	3.41	7.83	19.34
MAX.	12.7	13.5	28.6	26.2	30.8	25.3	21.1	12.6	3.5	5.2	14.0	26.5
MIN.	1.4	6.0	9.9	16.5	19.6	10.8	7.4	2.6	0.5	1.6	4.2	6.6

HIGHEST STAGE WAS 30.76 AT 800 A.M., MAY 24.

LOWEST STAGE WAS 0.50 FROM 400 P.M., SEPT. 15 TO 800 A.M., SEPT. 16.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. VERTICAL STAFF IN SEVERAL SECTIONS, AND AN INCLINED STAFF.

35 FEET. AVERAGE LOW WATER PLANE, MINUS 1.0 FOOT ON GAGE.

RECORDS AVAILABLE. STAGE, NOV. 10, 1871, TO DATE. DEC. 1890 TO AUG. 1932 IN REPORTS OF THE U. S. WEATHER BUREAU. DISCHARGE, SEE NEXT STATION.

EXTREMES. HIGHEST, 50.4 FEET ON FEB. 9, 1937. LOWEST, MINUS 5.19 FEET ON JAN. 24, 1956. SEE NEXT STATION FOR DISCHARGES.

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.4	0.9	26.0	9.5	22.9	15.4	3.4	-0.2	0.6	-0.2	-0.2	2.0
2	7.7	E 0.1	24.4	9.5	23.3	13.8	3.3	0.6	0.4	0.2	-0.6	2.6
3	8.8	E 0.3	22.1	9.4	23.9	12.6	3.2	1.4	0.4	1.0	-0.8	3.0
4	11.0	0.5	19.8	9.4	24.6	11.3	2.9	1.4	0.4	1.6	-1.0	4.0
5	13.7	0.7	16.8	9.2	25.5	9.9	3.0	1.3	0.4	1.7	-0.4	5.4
6	15.2	1.0	14.6	8.8	26.4	9.1	3.4	1.5	0.0	1.7	0.3	6.4
7	16.7	1.0	13.8	8.6	27.2	8.1	3.9	1.5	-0.6	1.8	0.7	6.6
8	18.2	0.4	14.2	8.7	27.6	7.4	4.2	1.4	-0.8	2.2	1.4	6.6
9	19.2	0.2	15.0	9.0	27.9	6.8	3.9	1.1	-0.5	2.6	2.0	6.8
10	19.8	1.3	15.8	9.3	28.6	6.5	2.9	0.6	0.5	2.6	2.8	7.0
11	20.1	1.9	16.2	9.4	28.3	6.4	2.4	0.1	0.2	1.3	3.5	7.2
12	19.9	3.8	16.2	9.5	28.4	6.4	2.0	0.1	0.0	-0.4	4.0	8.4
13	19.2	9.0	15.9	9.4	28.4	6.3	2.0	0.7	-0.6	-0.5	4.7	10.6
14	18.2	14.3	15.5	9.3	28.0	6.4	2.0	1.3	-1.2	-0.2	5.2	14.1
15	17.0	19.9	14.9	10.3	27.4	6.8	1.8	1.4	-1.5	-0.3	5.6	17.5
16	15.9	23.4	14.1	11.7	27.0	7.6	1.8	1.1	-1.3	-0.2	6.4	19.5
17	14.7	25.4	15.6	12.5	25.7	8.2	2.5	1.8	-1.4	-0.2	7.3	20.5
18	13.4	26.6	13.2	13.2	24.5	9.2	3.0	2.9	-1.2	-0.4	8.2	20.9
19	11.8	27.5	12.9	14.0	23.8	10.6	3.6	3.4	-0.4	-0.4	8.6	21.0
20	10.0	28.0	12.6	15.0	23.5	12.2	3.7	3.2	0.0	-0.2	8.4	21.0
21	7.5	28.4	12.4	16.0	23.7	12.9	3.6	2.9	-0.6	0.0	8.0	21.1
22	5.6	26.6	12.0	16.5	24.1	12.7	3.2	2.7	-0.7	0.4	7.2	21.1
23	4.6	28.6	11.7	16.5	24.6	11.7	2.7	2.6	0.2	0.7	5.6	20.7
24	4.0	28.6	11.0	16.9	24.9	10.5	2.2	2.8	0.6	1.2	3.7	19.9
25	3.4	28.6	11.4	17.9	24.9	9.1	1.8	3.2	0.4	2.0	2.8	18.8
26	3.0	28.4	9.9	19.2	24.5	7.9	1.4	3.0	0.9	2.6	2.4	17.4
27	2.9	28.0	9.0	20.3	23.8	6.7	1.0	2.6	1.0	2.4	2.3	15.9
28	2.9	27.2	8.4	20.9	22.4	5.5	0.8	2.1	0.4	1.5	2.4	14.7
29	2.3		8.4	21.4	20.8	4.3	0.0	1.5	0.3	0.8	2.2	13.0
30	2.0		8.8	22.3	19.1	3.6	-0.6	1.0	0.0	0.3	1.8	11.3
31	1.6		9.4		17.2		-0.5	0.7		-0.5		10.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	10.85	14.73	14.15	13.11	24.92	8.85	2.39	1.66	-0.14	0.80	3.48	12.76
MAX.	20.1	28.6	26.0	22.3	28.6	15.4	4.2	3.4	1.0	2.6	8.6	21.1
MIN.	1.6	E 0.1	8.4	8.6	17.2	3.6	-0.6	-0.2	-1.5	-0.5	-1.0	2.0

E- ESTIMATED

HIGHEST STAGE WAS 28.65 FROM 400 P.M. FEB. 23 TO 400 P.M., FEB. 24.

LOWEST STAGE WAS MINUS 1.5, SEPT. 15.

MISSISSIPPI RIVER AT MEMPHIS (BEALE ST.), TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. STAFF IN INCLINED AND VERTICAL SECTIONS. GAGE IS READ AND MAINTAINED BY MEMPHIS DISTRICT,
CORPS OF ENGINEERS.GENERAL INFORMATION. DRAINAGE AREA, 932,700 SQUARE MILES. BANKFULL STAGE, 35 FEET. AVERAGE LOW
WATER PLANE, MINUS 1.0 FEET ON GAGE.RECORD AVAILABLE. STAGE, NOV. 10, 1871 TO DATE. DISCHARGE, 1882 INTERMITT ENLY TO 1904, AND
1931 TO DATE. COMPUTED DAILY, JAN. 1933 TO DATE.EXTREMES. HIGHEST 50.4 FEET ON FEB. 4, 1937. LOWEST, MINUS 5.19 FEET ON JAN. 24, 1956.
MAXIMUM, 2,020,000 CFS OBSERVED ON FEB. 7, 1937 (BEALE STREET STAGE, 49.95). MINIMUM, 78,000
CFS COMPUTED FOR AUG. 25, 1936 (BEALE STREET STAGE, 0.01).

DAILY EIGHT A.M. STAGE IN FEET GAGE ZERO, 183.91 FEET, M.S.L. (1929 ADJ.)

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	9.7	13.5	13.8	26.2	27.2	12.0	7.8	9.9	1.6	18.7	5.7	3.8
2	10.7	14.1	13.4	27.6	26.5	11.8	7.0	8.1	2.1	19.0	5.3	4.1
3	11.2	14.5	13.9	29.1	26.3	11.6	6.5	6.1	2.2	18.9	5.0	4.6
4	11.4	14.6	15.1	30.1	26.3	11.6	6.7	4.2	3.2	18.4	5.1	5.0
5	11.5	14.3	16.5	30.8	26.6	11.8	7.5	3.0	5.4	17.3	5.0	4.9
6	11.9	13.5	18.1	31.6	26.8	11.7	9.6	2.0	7.0	15.7	4.3	4.7
7	13.1	12.5	19.5	32.2	26.8	11.7	11.8	1.3	8.2	14.1	3.8	4.2
8	14.8	11.3	20.9	32.7	26.4	12.3	13.3	1.7	8.2	12.6	3.6	3.4
9	16.9	9.9	22.2	33.0	25.6	13.3	13.6	1.8	6.9	11.5	3.7	2.6
10	18.2	8.6	23.0	33.5	24.5	14.5	13.3	2.2	5.7	11.3	3.8	2.4
11	18.4	7.3	23.4	33.8	23.2	15.5	12.6	2.4	6.9	11.4	3.4	2.6
12	18.6	10.3	23.6	34.1	21.7	16.0	11.8	2.2	7.8	11.3	3.0	2.5
13	19.0	13.8	23.7	34.2	20.5	17.0	11.3	2.0	8.5	11.0	2.7	2.1
14	19.4	18.1	23.4	34.15	19.6	15.7	10.9	1.8	10.1	10.5	2.3	1.9
15	19.6	21.5	23.2	34.15	19.1	15.0	10.2	1.5	11.5	9.9	2.6	2.0
16	19.6	24.0	23.0	34.0	18.6	13.9	9.7	1.4	11.9	9.0	3.0	2.2
17	19.4	25.6	22.8	33.9	18.2	13.1	9.3	1.4	11.4	8.2	2.8	2.1
18	19.0	26.6	22.6	33.8	17.7	12.4	9.0	1.4	10.9	7.7	2.6	2.0
19	18.7	27.1	21.9	33.8	17.3	11.8	8.7	1.3	9.9	7.2	2.7	2.2
20	18.6	27.1	21.0	33.7	16.6	11.5	8.5	0.8	9.5	7.0	2.9	2.8
21	17.8	26.7	21.6	33.6	15.8	11.3	8.3	0.5	10.3	7.0	3.3	3.4
22	15.4	26.0	20.8	33.5	15.1	10.9	8.0	0.4	11.4	7.3	3.7	3.5
23	14.7	24.8	21.6	33.4	14.5	10.6	7.4	0.4	11.5	7.6	3.9	3.6
24	13.2	23.4	22.6	33.1	13.9	10.3	6.5	0.4	11.1	7.5	4.1	3.7
25	11.7	21.7	23.2	32.9	13.3	9.9	6.2	0.6	11.1	7.4	4.3	3.3
26	10.2	19.4	23.7	32.5	12.7	9.8	7.2	0.7	12.4	7.3	4.7	2.9
27	9.0	16.9	22.6	31.9	12.6	9.5	9.1	0.8	14.2	7.1	4.8	2.9
28	8.6	14.9	22.3	31.0	11.6	9.4	10.9	0.6	16.0	7.2	4.1	3.0
29	9.9				22.6	29.8	11.2	9.3	12.1	-0.1	17.2	7.2
30	11.7				23.8	28.4	11.0	8.8	12.3	-0.2	18.2	6.8
31	12.8				24.7	11.4	11.5	0.6			6.1	4.8

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	14.70	17.93	21.08	32.22	19.31	12.13	9.63	1.97	9.41	10.62	3.79	3.23
MAX.	19.6	27.1	24.7	34.2	27.2	17.0	13.6	9.9	18.2	19.0	5.7	5.0
MIN.	9.6	7.3	13.4	26.2	11.0	8.8	6.2	-0.2	1.6	6.1	-2.3	1.9

HIGHEST STAGE WAS 34.2, APR. 13.
LOWEST STAGE WAS MINUS 0.2 AT 400 P.M., AUG. 29 AND AT 800 A.M., AUG. 30.

A15

MISSISSIPPI RIVER AT MEMPHIS, TENN.

LOCATION. LAT. 35-08-32, LONG. 90-03-28. MILE 735.9, AT THE FOOT OF BEALE STREET.

GAGE. INCLINED AND STAFF TYPE IN SEVERAL SECTIONS.

GENERAL INFORMATION. DRAINAGE AREA, 932,000 SQUARE MILES. BANKFULL STAGE, 35 FEET. AVERAGE LOW WATER PLANE, MINUS 1.0 FEET ON GAGE.

RECORD AVAILABLE. STAGE, NOV. 10, 1871 TO DATE. DISCHARGE, 1882 INTERMITTENTLY TO 1904, AND 1931 TO DATE. COMPUTED DAILY, JAN. 1933 TO DATE.

EXTREMES. HIGHEST 50.4 FEET ON FEB. 4, 1937. LOWEST, MINUS 5.19 FEET ON JAN. 24, 1956. MAXIMUM, 2,020,000 CFS OBSERVED ON FEB. 7, 1937 (BEALE STREET STAGE, 49.95). MINIMUM, 78,000 CFS COMPUTED FOR AUG. 25, 1936 (BEALE STREET STAGE, 0.01).

DAILY EIGHT A.M. STAGE FOR 1964

GAGE ZERO, 183.91 FEET, M.S.L. [1929 ADJ.]

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	-4.4	+8.6	+5.1	+33.3	+27.0	+7.0	+12.1	+0.9	-0.3	+0.5	-1.0	+4.8
2	-4.8	+8.6	+3.3	+32.7	+27.6	+7.6	+11.6	+0.6	-0.4	+1.4	-0.6	+5.9
3	-5.0	+8.6	+2.2	+31.8	+28.1	+8.8	+10.3	+0.6	-0.5	+2.6	-0.4	+6.8
4	-4.8	+8.3	+2.4	+30.6	+28.2	+9.4	+8.3	+0.6	-0.7	+3.8	-0.8	+7.4
5	-4.8	+7.4	+3.2	+28.0	+28.2	+8.8	E+0.1	-1.0	+4.0	-1.2	+6.9	
6	-4.5	+7.0	+4.3	+26.0	+28.2	+7.6	+5.8	-0.2	-1.2	+4.0	-1.4	+7.0
7	-4.2	+6.2	+8.0	+23.4	+28.0	+6.2	+4.7	-0.4	-1.3	+4.0	-1.2	+7.9
8	-3.6	+5.1	+12.4	+21.6	+27.6	+5.3	+3.8	-0.2	-1.6	+3.6	-1.0	+9.4
9	-2.6	+3.8	+16.1	+21.6	+27.0	+4.5	+2.8	+0.4	-2.0	+3.0	-1.1	+10.8
10	E-1.8	+2.6	+20.4	+23.3	+26.0	+4.0	+2.4	+0.4	-2.1	+2.6	-0.7	+11.4
11	-0.1	+1.8	+23.4	+25.3	+24.6	+3.8	+3.0	+0.2	-1.4	+2.3	-0.4	+11.8
12	+2.4	+2.0	+26.2	+26.4	+22.8	+3.8	+3.4	+0.1	-1.0	+2.2	-0.4	+11.0
13	+4.4	+2.6	+28.0	+27.2	+20.6	+3.9	+3.1	-0.2	-1.1	+1.6	-0.6	+10.8
14	+5.7	+3.0	+29.0	+27.2	+18.4	+3.7	+3.2	-1.0	-1.0	+0.7	-0.7	+11.2
15	+6.4	+3.7	+29.7	+27.0	+16.4	+3.7	+3.4	-1.2	-1.0	E+0.1	-0.6	+11.4
16	+6.6	+3.8	+30.0	+26.6	+14.7	+3.6	+3.6	-0.6	-0.4	-0.5	-0.7	+11.8
17	+6.6	+3.6	+30.9	+26.4	+13.2	+3.3	+3.8	-0.5	+0.4	-1.0	-0.6	+12.5
18	+5.4	+3.8	+31.4	+26.1	+11.9	+3.0	+4.2	-1.4	+0.9	-0.9	-0.6	+13.2
19	+6.1	+4.4	+31.8	+25.8	+10.8	+3.2	+4.4	-1.4	+0.7	-0.8	-0.8	+13.8
20	+6.0	+6.1	+32.4	+25.1	+10.4	+5.3	+4.2	-0.8	+0.6	-0.6	-0.4	+14.1
21	+5.4	+7.8	+32.8	+24.0	+10.0	+8.2	+4.0	-0.4	+0.1	-0.6	0.0	+13.8
22	+3.6	+8.8	+33.2	+22.6	+9.8	+9.9	+3.8	-0.2	-0.5	-1.2	+0.6	+13.4
23	+1.1	+9.2	+33.6	+20.8	+9.4	+11.0	+3.6	-0.8	-0.6	-1.0	+1.6	+12.6
24	+0.2	+9.4	+33.8	+19.3	+9.0	+11.4	+3.2	-1.1	-0.2	-0.8	+2.4	+11.6
25	+1.0	+9.5	+34.0	+18.9	+8.4	+11.1	+2.4	-0.6	-0.4	-0.8	+2.8	+10.5
26	+1.8	+9.2	+34.15	+20.0	+7.8	+11.4	+2.0	-0.3	-0.2	-0.8	+3.0	+9.1
27	+2.8	+8.6	+34.15	+22.2	+7.1	+12.0	+1.7	0.0	-0.2	-0.4	+3.0	+7.2
28	+4.4	+7.9	+34.15	+24.0	+6.6	+12.3	+1.5	-0.2	-0.2	0.0	+3.0	+6.3
29	+6.0	+6.8	+34.0	+25.4	+6.2	+12.5	+1.3	0.0	-0.4	-0.6	+3.0	+6.6
30	+7.2	+8.0	+33.9	+26.4	+6.2	+12.5	+1.0	+0.2	-0.2	-1.2	+3.4	+7.5
31	+8.0	+8.6	+33.6	+26.4	+6.4	+12.5	+0.8	0.0	-1.4	-1.4	-	+8.4

THE FOLLOWING REFER ONLY TO READINGS APPEARING IN THE TABLE ABOVE

MEAN	1.66	6.14	23.92	25.30	16.99	7.29	4.20	-0.24	-0.57	0.77	0.25	9.90
MAX.	+3.0	+9.5	+34.15	+33.3	+28.2	+12.5	+12.1	+0.9	+0.9	+4.0	+3.4	+14.1
MIN.	-5.0	+1.8	+2.2	+18.9	+6.2	+3.0	+0.8	-1.4	-2.1	-1.4	-1.4	+4.8

E- ESTIMATED

HIGHEST STAGE WAS 34.15 FROM 800 A.M., MAR. 26 TO 400 P.M., MAR. 28.
LOWEST STAGE WAS MINUS 5.0 AT 800 A.M., JAN. 3.
MEMPHIS DISTRICT, CORPS OF ENGINEERS.

1963

MISSISSIPPI RIVER
Memphis, Tennessee

Zero of gage: 183.91 m.s.l. (184.21 m.g.l.) (Bankfull 34') 732.7 Miles A.H.P.
 Lat.: 35° 08' 32" - Long.: 90° 03' 28"
 Memphis District, CE gage.

Incline and vertical gage located at foot of Beale Avenue.

Highest: 37.75 on 29 March.

Lowest: -4.10 on 31 December.

Period of record: 10 November 1871 to date.

Highest for period of record: 50.40 on 9 February 1937.

Lowest for period of record: -5.19 at 10:00 a.m. on 24 January 1956.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	10.0	1.7	5.6	37.5	9.4	12.4	3.8	3.8	1.0	-2.0	-2.6	-1.6
2	10.3	1.2	6.2	37.2	10.0	12.6	3.4	3.2	1.6	-2.2	-2.8	-1.0
3	9.8	1.0	6.1	36.8	11.7	12.0	3.0	2.8	1.5	-2.3	-3.0	0.2
4	9.0	1.0	5.5	36.4	14.2	11.5	3.4	3.1	0.9	-2.2	-3.0	0.2
5	8.6	1.0	5.3	35.8	15.7	11.1	3.9	2.8	0.4	-2.3	-2.8	-0.2
6	8.4	1.2	5.8	35.3	15.7	10.4	4.3	2.4	0.0	-2.2	-2.5	0.0
7	8.6	2.2	7.2	34.5	14.8	9.2	4.0	2.8	0.0	-2.1	-2.5	0.6
8	8.6	3.8	10.7	33.6	13.6	7.8	3.6	3.0	0.4	-2.2	-2.9	0.8
9	8.3	5.0	17.2	32.5	12.4	7.0	3.3	3.2	0.6	-2.4	-2.7	0.6
10	7.4	6.4	22.5	30.9	11.7	6.5	2.7	3.4	-0.1	-2.5	-1.8	0.0
11	5.8	7.1	25.2	28.8	10.8	6.4	2.2	3.1	-0.3	-2.3	-1.5	-0.2
12	3.6	8.0	27.0	26.2	9.7	7.0	1.9	2.5	-1.0	-2.3	-1.4	-0.2
13	2.7	8.4	28.0	23.2	9.0	7.9	2.2	2.2	-0.4	-2.2	-1.2	-1.0
14	2.8	8.6	28.9	20.2	8.5	8.6	2.0	2.4	-0.4	-2.4	-1.4	-1.1
15	3.0	8.6	29.5	18.2	8.0	9.2	1.6	2.7	-0.3	-2.6	-1.5	-0.5
16	3.5	8.4	30.2	16.4	7.4	9.8	1.5	2.8	0.0	-2.8	-1.6	-0.3
17	4.4	8.4	31.2	14.8	7.2	9.7	2.0	2.7	0.0	-2.8	-2.0	-0.3
18	5.2	8.2	31.9	13.2	7.5	9.1	2.5	1.9	-0.2	-2.7	-2.2	-0.2
19	5.8	7.8	32.8	11.2	7.7	9.0	2.4	1.1	-0.5	-2.5	-2.4	-0.3
20	6.5	7.4	33.7	9.6	8.3	9.1	2.2	0.8	-0.8	-2.5	-2.6	-0.6
21	7.5	6.9	34.6	8.2	9.8	8.4	2.6	0.4	-1.0	-2.7	-2.8	-1.0
22	8.6	6.2	35.5	7.5	11.3	7.0	2.9	0.5	-1.2	-2.7	-3.0	-1.7
23	9.0	5.3	36.2	7.0	12.8	5.8	3.2	0.9	-1.2	-2.8	-2.5	-2.2
24	9.0	4.0	36.7	6.5	13.3	5.3	3.8	0.9	-1.4	-2.9	-2.4	-3.0
25	7.0	3.5	37.0	6.4	13.1	4.9	4.2	0.7	-2.0	-3.0	-2.6	-3.2
26	5.8	3.7	37.2	6.6	13.2	4.9	4.6	0.6	-2.3	-3.0	-2.5	-3.4
27	4.5	4.0	37.5	7.0	13.2	4.8	4.8	0.5	-2.0	-2.8	-2.0	-3.8
28	3.5	4.5	37.6	7.3	12.2	4.6	4.7	0.5	-1.7	-2.7	-1.7	-4.0
29	2.9		37.75	7.8	11.2	4.4	4.2	0.4	-1.7	-3.0	-1.7	-3.7
30	2.4		37.7	8.8	11.3	4.2	3.9	0.3	-1.9	-3.1	-1.8	-3.6
31	2.4		37.6		11.8		3.8	0.3		-2.9		-4.10

8:00 a.m. readings.

IMS 21
June 62

1962

MISSISSIPPI RIVER
Memphis, Tennessee

Zero of gage: 183.91 m.s.l. (184.21 m.g.l.) (Bankfull 34') 732.7 Miles A.H.P.
 Lat.: 35° 08' 32" - Long.: 90° 03' 28"
 Memphis District, CE gage

Incline and vertical gage located at foot of Beale Avenue

Highest: 37.80 on 19-21 March

Lowest: -0.70 on 20 December

Period of record: 10 November 1871 to date

Highest for period of record: 50.40 on 9 February 1937

Lowest for period of record: -5.19 at 10:00 a.m. on 24 January 1956

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	21.0	28.4	27.9	37.4	25.1	10.9	9.2	9.6	1.4	3.0	3.0	8.3
2	19.0	29.0	29.9	37.4	23.6	11.4	9.1	8.7	1.9	3.2	3.0	8.7
3	17.0	29.4	31.2	37.4	22.6	11.6	8.8	7.9	2.4	3.6	2.4	8.9
4	15.3	29.8	32.5	37.5	22.0	12.2	8.1	7.5	2.5	3.8	2.6	8.4
5	14.0	30.0	33.5	37.6	21.5	13.8	7.6	7.1	2.5	4.0	2.8	6.2
6	13.1	30.1	34.7	37.6	21.2	15.3	7.3	6.5	2.8	4.6	3.0	3.8
7	12.1	30.0	35.6	37.5	20.8	16.0	7.0	6.2	3.4	5.7	3.2	2.8
8	11.4	29.8	36.2	37.4	20.2	15.8	7.5	6.0	4.1	6.3	3.6	2.5
9	11.6	29.8	36.6	37.3	19.4	15.2	8.8	5.4	4.4	6.4	3.9	2.6
10	13.6	29.4	36.9	37.1	18.5	14.7	10.1	5.1	4.4	6.3	3.4	3.0
11	15.8	28.8	37.1	36.9	17.6	15.0	10.5	5.1	4.4	5.8	2.3	3.4
12	16.9	28.0	37.1	36.7	16.8	15.4	10.0	5.4	4.6	5.6	2.0	3.7
13	17.6	27.0	37.1	36.4	15.9	15.4	9.4	5.1	4.8	5.2	2.5	3.6
14	17.6	26.0	37.2	36.2	15.1	15.4	9.0	4.8	4.7	4.3	3.6	3.4
15	17.8	24.8	37.3	36.0	14.7	15.8	8.7	4.2	5.0	4.0	5.2	3.0
16	17.6	23.8	37.4	35.9	14.8	16.2	8.4	3.7	5.5	4.4	6.2	2.0
17	18.2	22.6	37.5	35.8	15.2	16.4	8.1	3.4	6.4	4.7	7.3	1.0
18	19.0	21.6	37.6	35.9	15.2	16.6	8.1	2.7	6.4	4.6	8.5	0.2
19	19.3	21.0	37.80	36.0	14.6	16.6	8.3	2.4	5.8	4.4	9.4	-0.4
20	19.0	20.6	37.80	35.9	14.2	16.4	8.9	2.2	5.1	4.6	10.0	-0.70
21	18.2	20.4	37.80	35.8	13.5	15.6	10.2	2.2	5.2	5.5	10.2	-0.3
22	17.6	20.4	37.5	35.6	12.4	14.5	11.2	2.0	5.4	5.8	9.8	0.4
23	17.7	20.2	37.2	35.4	11.6	13.0	10.9	1.6	5.2	5.1	9.2	1.1
24	17.6	20.2	36.8	35.1	11.1	12.0	9.7	1.5	4.4	4.2	8.6	1.4
25	18.8	20.2	36.5	34.6	10.7	11.6	9.2	1.2	3.6	3.9	8.2	2.1
26	20.5	21.3	36.6	34.0	10.2	10.8	9.1	1.1	3.2	4.0	8.0	2.9
27	22.4	23.5	36.7	33.0	9.8	10.4	8.8	0.9	2.8	4.2	8.0	4.0
28	24.2	25.7	36.7	31.4	9.5	10.1	8.9	1.3	2.8	3.9	8.0	5.2
29	25.4		36.8	29.1	9.4	9.9	9.7	1.4	2.8	3.6	7.8	6.4
30	26.5		36.9	26.8	9.9	9.6	10.2	1.6	2.8	3.3	7.8	7.8
31	27.6		37.3		10.3		10.1	1.5		2.8		9.2

8:00 a.m. readings

IRS 21

June 62

1961

MISSISSIPPI RIVER
MEMPHIS, TENNESSEE

Zero of gage: 183.91 m.s.l. (184.21 m.g.l.) (Bankfull 34') 732.7 Miles A.H.P.
 Lat.: 35° 08' 32" - Long.: 90° 03' 28"
 Memphis District, CE Gage

Incline and vertical gage located at foot of Beale Avenue

Highest: 41.37 on 22 May

Lowest: -0.45 on 6 February

Period of record: 10 November 1871 to date.

Highest for period of record: 50.40 on 9 February 1937.

Lowest for period of record: -5.19 at 10:00 a.m. on 24 January 1956.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.9	0.9	24.0	33.6	28.1	24.5	11.2	14.4	3.8	13.1	3.5	15.0
2	2.6	0.8	24.8	32.6	28.2	21.4	9.4	12.8	4.2	12.4	3.2	14.3
3	3.6	1.2	25.8	32.0	28.0	18.8	8.1	12.8	3.9	11.3	3.6	13.9
4	5.6	0.6	26.7	31.5	27.8	16.9	7.6	11.8	3.5	10.3	3.9	13.5
5	7.2	-0.2	27.4	31.1	27.6	15.6	7.8	11.3	3.4	9.4	4.8	13.4
6	8.2	-0.45	28.0	30.6	27.6	14.7	8.1	11.0	3.7	8.4	7.6	12.7
7	8.7	-0.1	28.4	29.7	27.8	14.3	8.5	10.8	3.7	8.5	10.4	11.8
8	6.8	+0.4	29.0	28.6	28.0	14.0	8.5	11.0	3.4	9.2	12.8	10.2
9	8.4	+0.8	29.6	27.7	29.1	14.0	8.0	11.4	3.5	9.6	14.6	8.7
10	7.8	1.3	30.2	27.0	30.2	13.8	7.2	11.9	3.9	9.4	15.4	8.8
11	7.1	2.0	31.0	26.2	31.2	13.8	6.6	12.0	4.5	8.6	15.8	8.8
12	5.6	2.4	31.8	26.1	32.4	14.7	6.1	11.9	5.0	8.0	15.6	10.2
13	4.2	3.0	32.8	25.9	33.5	15.6	6.6	11.7	5.0	7.6	14.8	12.2
14	3.6	4.4	33.8	25.6	34.8	15.9	7.2	11.5	4.5	6.6	13.4	14.2
15	3.0	5.6	34.8	26.2	36.2	16.2	7.2	11.0	4.2	5.4	12.1	15.5
16	2.6	6.2	35.4	27.2	37.5	16.6	6.6	10.6	3.8	4.9	11.4	16.3
17	2.0	6.5	35.8	27.6	38.8	17.7	5.9	10.4	3.6	4.6	10.3	17.9
18	2.0	6.6	36.2	28.2	39.8	19.0	6.0	10.4	4.8	5.0	9.8	18.2
19	3.0	6.9	36.6	28.5	40.5	20.0	6.6	10.4	8.9	7.0	9.6	18.6
20	4.4	7.1	37.0	28.8	41.0	20.5	6.8	9.9	12.8	8.4	9.8	19.6
21	5.1	8.2	37.2	28.8	41.32	20.8	7.4	8.9	15.2	8.6	11.0	20.6
22	5.7	9.9	37.4	28.6	41.37	21.1	8.2	7.5	16.6	8.2	13.1	21.8
23	6.8	11.4	37.3	28.4	41.22	21.4	8.8	5.6	16.5	7.4	16.2	22.7
24	7.8	14.0	37.2	28.0	40.8	21.2	9.6	4.4	15.2	6.6	17.4	23.5
25	6.6	17.8	37.0	27.6	40.2	20.8	10.6	3.8	13.8	5.8	18.1	24.0
26	9.2	20.4	36.7	27.3	39.3	20.0	11.1	3.7	12.3	5.6	18.4	24.5
27	9.2	22.0	36.4	27.1	38.2	18.6	11.6	4.0	11.1	5.4	18.3	25.1
28	8.6	23.2	36.2	27.2	36.7	16.9	13.1	4.0	10.8	5.4	17.8	25.4
29	7.4		35.6	27.5	34.5	15.1	14.4	3.5	11.4	5.4	16.8	25.4
30	5.0		35.0	27.8	31.4	13.2	14.8	3.4	12.4	5.1	15.8	24.6
31	2.2		34.4		27.8		14.8	3.4		4.2		23.0

8:00 a.m. readings

1960

MISSISSIPPI RIVER
MEMPHIS, TENNESSEE

Zero of gage: 183.91 m.s.l. (184.21 m.g.l.) (Bankfull 34') 732.7 Miles A.H.P.
 Lat.: 35° 08' 32" - Long.: 90° 03' 28"
 Memphis District, CE Gage

Incline and vertical gage located at foot of Beale Avenue.

Highest: 34.49 on 18 April.

Lowest: -0.10 on 2 November.

Period of record: 10 November 1871 to date.

Highest for period of record: 50.40 on 9 February 1937.

Lowest for period of record: -5.19 at 10:00 a.m. on 24 January 1956.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	17.6	17.0	18.0	19.9	19.8	20.4	21.4	5.0	3.8	2.3	0.3	1.9
2	17.6	16.1	17.2	22.1	18.6	20.4	21.8	4.9	3.2	2.5	-0.10	2.0
3	18.0	15.5	17.0	24.4	17.8	20.4	22.2	4.6	2.8	2.5	0.2	2.6
4	18.4	15.1	16.6	26.2	17.4	20.2	22.4	4.2	2.7	2.4	0.5	3.1
5	18.6	14.6	16.8	27.7	17.8	19.8	22.4	3.8	3.4	2.3	0.8	2.8
6	18.5	14.2	17.5	28.8	18.6	19.4	22.4	3.7	4.6	2.0	0.9	2.8
7	18.2	13.8	18.6	29.9	19.0	18.8	22.9	3.3	5.6	1.9	1.7	2.8
8	17.7	13.8	19.2	30.6	18.8	18.0	23.5	3.1	6.1	2.0	3.1	2.6
9	17.3	14.3	19.6	31.4	18.6	17.2	23.9	3.9	5.8	2.1	4.2	2.4
10	16.9	15.5	19.2	32.0	18.6	16.5	23.8	4.4	5.4	2.3	4.6	2.0
11	16.6	16.8	18.6	32.4	19.2	15.6	23.4	5.2	5.0	2.3	4.2	1.7
12	16.4	18.0	17.8	33.0	19.8	13.8	22.4	5.4	4.2	1.9	4.1	1.6
13	16.6	19.0	16.6	33.5	20.6	13.0	20.9	5.5	3.8	1.6	4.2	2.2
14	16.9	19.6	15.2	33.8	21.3	12.8	18.5	5.3	4.1	1.4	4.4	3.2
15	17.1	20.2	14.0	34.1	22.1	12.5	15.7	5.2	4.0	1.2	5.0	3.5
16	17.1	20.8	13.1	34.32	22.6	12.2	13.8	5.1	3.9	0.8	5.4	3.6
17	17.6	21.4	12.5	34.42	22.9	12.2	13.2	4.8	4.0	0.5	5.2	3.7
18	18.9	22.0	12.2	34.49	22.9	12.8	13.1	4.7	4.1	0.3	4.8	3.5
19	20.4	22.4	12.4	34.32	22.8	14.0	13.2	4.4	3.8	0.6	4.4	3.2
20	22.1	22.5	13.0	34.0	22.6	15.2	12.2	3.6	3.8	0.8	4.2	3.2
21	23.8	22.6	13.8	33.4	22.4	16.4	10.9	3.8	4.2	0.4	4.0	2.4
22	25.2	22.8	14.8	32.6	22.2	16.9	9.8	3.5	4.7	0.9	4.0	2.0
23	26.0	23.0	15.7	31.5	22.2	16.3	9.0	3.6	4.7	1.3	3.5	1.6
24	26.6	23.0	16.6	30.2	22.2	15.4	8.4	3.7	4.3	1.2	3.2	1.3
25	26.6	22.7	17.2	28.8	22.0	14.4	8.2	3.6	4.0	1.0	3.3	1.5
26	25.8	22.1	17.4	27.6	21.8	14.2	7.0	3.5	3.8	0.9	3.4	2.0
27	24.8	21.2	17.5	26.0	21.3	14.6	6.5	3.9	3.5	0.7	3.6	1.8
28	23.4	20.0	17.7	24.4	20.8	16.0	6.0	4.5	3.4	0.6	3.4	1.3
29	21.6	19.0	18.0	22.7	20.5	18.4	5.8	4.8	2.8	0.6	3.2	0.8
30	19.8		18.5	21.2	20.6	20.6	5.6	4.6	2.4	0.5	2.4	0.8
31	18.3		18.8		20.5		5.1	4.4		0.4		1.1

8:00 a.m. readings.

1959

15

MISSISSIPPI RIVER
MEMPHIS, TENNESSEE

Zero of gage: 183.91 m.s.l. (184.21 m.g.l.) (Bankfull 34') 732.7 Miles A.E.P.
Lat.: 35°08'32" - Long.: 90°03'28"
Memphis District, CE Gage

Incline and vertical gage located at foot of Beale Avenue.

Highest: 29.04 at 11:00 a.m. on 24 February.

Lowest: -2.10 on 25 September.

Period of record: 10 November 1871 to date.

Highest for period of record: 50.40 on 9 February 1937.

Lowest for period of record: -5.19 at 10:00 a.m. on 24 January 1956.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-0.7	25.8	28.3	18.5	16.6	16.2	3.8	4.8	2.3	1.9	6.0	7.7
2	0.8	26.0	27.6	18.4	15.4	15.6	3.8	4.6	2.2	3.8	6.7	9.2
3	1.5	26.4	26.8	18.7	14.5	15.0	4.2	4.0	2.4	5.6	7.0	10.5
4	1.8	26.6	25.9	19.0	14.1	14.8	4.6	3.2	3.0	7.0	7.2	11.6
5	2.0	26.8	24.8	19.2	14.2	15.2	4.8	2.8	3.4	7.6	7.0	12.1
6	2.5	26.8	23.8	19.4	14.4	16.5	4.8	2.4	3.4	7.8	6.6	12.4
7	3.0	26.5	22.5	19.8	14.6	17.8	5.0	2.6	3.6	7.6	6.6	12.1
8	4.2	26.0	21.4	20.2	14.6	18.5	5.9	2.8	3.4	7.6	7.0	12.4
9	5.0	25.0	20.8	20.7	14.5	18.3	7.2	3.4	3.2	7.8	7.8	12.3
10	5.4	23.8	20.2	20.7	14.4	17.4	8.0	4.9	3.4	8.5	8.2	12.2
11	5.4	22.0	20.0	20.4	14.5	16.8	7.6	6.8	3.0	10.2	8.3	12.1
12	5.4	19.8	20.0	20.3	14.7	16.2	7.0	7.9	2.6	12.4	8.5	12.0
13	4.8	17.9	19.8	20.4	15.2	15.5	5.8	8.1	2.4	11.0	8.4	11.6
14	3.4	18.2	19.4	20.8	16.0	14.2	5.0	7.4	2.2	15.0	8.3	11.3
15	2.3	19.9	19.4	21.2	16.5	11.8	4.4	6.3	2.1	15.6	8.0	11.8
16	1.8	21.6	19.6	21.4	16.5	10.2	4.2	4.9	1.6	15.7	7.8	13.2
17	1.2	23.7	19.9	21.2	16.2	9.2	4.0	3.9	0.9	14.6	7.4	15.0
18	1.9	25.4	20.2	20.8	15.6	8.4	3.8	3.2	0.3	13.1	6.5	16.3
19	3.1	26.5	20.1	20.0	15.2	7.9	3.4	2.9	0.2	11.6	5.9	17.2
20	5.2	27.6	20.0	19.2	14.6	7.4	3.2	4.2	-0.3	10.0	5.9	18.0
21	7.0	28.2	20.2	18.8	14.5	6.7	3.6	5.4	-0.9	8.8	6.0	19.2
22	8.5	28.5	20.3	19.1	15.1	6.0	4.0	4.7	-1.2	8.0	6.1	20.6
23	10.6	28.9	20.2	19.4	15.8	5.4	4.0	4.2	-1.5	7.5	5.9	21.8
24	14.3	29.04	19.8	19.6	16.0	4.6	3.8	4.2	-1.9	7.2	5.4	22.9
25	18.0	29.00	19.4	19.4	16.1	3.7	3.6	3.6	-2.10	6.4	4.7	23.4
26	20.8	29.00	19.2	19.2	16.3	3.3	3.6	2.9	-1.8	5.5	4.4	23.2
27	22.8	29.00	19.2	19.0	16.7	3.4	4.1	2.4	-1.8	4.8	4.6	22.4
28	24.0	28.8	19.1	19.0	17.4	3.8	4.8	2.0	-1.6	4.2	5.0	21.6
29	24.8		19.0	18.6	17.4	4.0	5.1	1.6	-0.9	4.4	6.0	20.4
30	25.3		19.0	17.8	17.2	4.0	5.1	1.2	0.4	4.9	6.8	19.1
31	25.6		18.8		17.0		4.9	1.6		5.4		18.1

8:00 a.m. readings.

1958
MISSISSIPPI RIVER
MEMPHIS, TENNESSEE

Zero of gage: 183.91 m.s.l. (184.21 m.g.l.) (Bankfull 34') 732.7 Miles A.H.P.
 Lat.: 35° 08' 32" - Long.: 90° 03' 28"
 Memphis District, CE Gage

Incline and vertical gage located at foot of Beale Avenue.

Highest: 31.25 on 11-26 May. At 11:00 A.M.
 Lowest: -1.20 on 31 December.

Period of record: 10 November 1871 to date.

Highest for period of record: 50.40 on 9 February 1937.

Lowest for period of record: -5.19 at 10:00 a.m. on 24 January 1956.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	27.8	19.0	3.8	20.8	20.4	11.4	16.2	31.0	9.0	7.9	1.0	5.6
2	27.9	19.3	5.2	20.7	22.5	10.4	15.8	30.8	8.6	7.8	1.0	5.6
3	27.9	19.6	7.4	20.4	21.2	9.6	15.4	30.4	7.8	7.3	0.7	5.6
4	27.8	19.4	10.1	20.0	25.4	8.3	15.0	30.2	7.1	7.0	0.5	6.0
5	27.7	19.2	12.9	19.6	26.6	7.2	14.0	30.0	6.5	6.3	0.3	6.6
6	27.4	18.8	15.0	19.4	27.4	7.1	12.4	30.2	5.1	5.6	0.6	6.8
7	26.9	18.1	16.2	19.4	27.8	7.1	10.6	30.3	4.2	4.6	0.8	6.4
8	26.0	17.2	17.4	19.3	28.2	7.4	9.4	30.4	4.1	3.6	0.8	6.0
9	24.8	16.4	18.4	19.4	29.2	8.4	9.2	30.5	4.5	3.2	0.4	5.7
10	23.3	16.2	18.8	19.8	30.0	8.1	10.4	30.4	4.4	3.3	0.6	6.2
11	21.4	16.6	19.1	20.2	30.6	7.2	11.5	30.2	4.2	3.3	0.6	7.0
12	19.0	17.0	19.3	20.4	31.0	6.4	12.6	29.7	4.7	3.0	0.2	7.6
13	16.2	16.8	19.8	20.6	31.20	6.6	13.5	28.9	5.1	2.8	0.4	7.8
14	13.3	16.2	20.0	20.6	31.25	8.0	13.8	27.6	5.6	2.7	0.2	7.8
15	10.8	15.7	20.2	21.4	31.25	9.8	13.6	26.2	6.3	3.2	0.4	7.4
16	9.1	15.2	20.0	21.5	31.25	11.7	13.8	24.6	6.6	4.0	0.2	7.0
17	8.2	14.8	19.8	21.4	31.20	13.2	14.6	23.0	7.0	4.8	0.2	6.0
18	7.8	14.3	19.3	21.4	31.15	15.0	16.6	21.2	6.8	4.8	0.7	4.0
19	7.8	13.2	18.4	21.2	31.1	16.4	19.2	19.6	6.6	4.2	0.8	2.2
20	7.8	11.8	17.2	21.0	31.1	17.8	21.6	18.3	6.6	3.6	1.6	1.2
21	8.4	10.2	16.4	20.7	31.0	18.8	23.6	17.0	6.6	2.9	3.0	0.7
22	8.8	8.7	15.8	20.0	31.0	19.2	25.1	15.8	6.4	2.0	4.3	0.3
23	9.6	7.5	15.2	19.1	30.7	19.1	26.4	14.8	6.7	1.5	5.8	-0.1
24	11.1	6.8	15.4	18.4	30.4	18.8	27.4	14.0	7.5	1.2	7.4	-0.2
25	12.6	6.6	15.0	17.8	29.5	18.3	28.5	13.3	8.8	1.3	8.6	-0.4
26	13.7	5.4	15.6	17.4	27.8	18.0	29.4	12.8	9.5	1.2	8.6	-0.4
27	14.5	4.7	17.2	16.8	25.1	17.7	30.1	11.6	9.0	1.0	8.4	-0.4
28	15.3	4.0	18.6	16.6	21.6	17.5	30.5	10.3	8.3	0.6	8.1	-0.6
29	16.2		19.4	17.3	18.2	17.3	30.8	9.4	7.9	0.2	7.4	-1.0
30	17.2		20.0	18.6	15.2	16.8	31.0	9.4	7.8	0.4	6.4	-1.1
31	18.1		20.6		12.8		31.15	9.3		0.6		-1.20

8:00 a.m. readings

1957
MISSISSIPPI RIVER
MEMPHIS, TENNESSEE

Zero of gage: 183.91 m.s.l. (184.21 m.g.l.) (Bankfull 34') 732.7 Miles A.H.P.
 Lat.: 35°08'32" - Long.: 90°03'28"
 Memphis District, CE Gage

Incline and vertical gage located at foot of Beale Avenue.

Highest: 32.40 at 4:00 p.m. on 16 February

Lowest: -0.80 on 15 October

Period of record: 10 November 1871 to date

Highest for period of record: 50.40 on 9 February 1937

Lowest for period of record: -5.19 at 10:00 a.m. on 24 January 1956.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	11.8	20.6	22.0	12.2	25.4	30.8	15.4	9.6	-0.6	2.2	5.4	26.8
2	11.2	23.2	20.6	11.6	24.4	30.6	15.6	10.7	-0.6	1.9	5.6	25.5
3	10.6	24.8	19.8	10.8	23.7	30.0	16.6	11.2	-0.7	1.2	5.1	24.2
4	10.2	26.1	19.4	11.4	22.8	29.0	18.0	10.6	-0.7	0.8	4.2	22.7
5	9.8	26.8	19.1	11.8	21.8	27.4	19.8	9.2	-0.6	0.7	3.4	20.8
6	9.0	27.6	18.8	13.4	20.4	25.6	21.2	8.0	-0.4	0.8	2.7	18.5
7	8.2	28.4	18.1	17.2	19.3	23.8	22.0	7.2	-0.2	0.6	2.2	17.2
8	7.6	29.1	17.4	21.2	18.4	22.2	22.0	6.8	-0.1	0.3	2.9	15.6
9	7.4	29.8	16.6	24.0	17.6	20.8	21.6	6.6	-0.2	0.1	2.9	14.6
10	7.2	30.4	16.1	25.8	16.8	19.8	21.2	6.0	-0.3	-0.2	3.0	14.6
11	6.6	30.9	15.9	27.2	15.3	19.0	20.9	5.3	-0.4	-0.5	4.4	15.6
12	5.6	31.2	16.6	28.2	14.4	18.8	20.6	4.4	-0.4	-0.4	5.1	17.4
13	4.2	31.6	16.7	29.2	12.6	19.1	20.0	3.6	-0.1	-0.4	5.4	19.1
14	3.5	31.9	16.6	34.0	11.2	18.9	18.9	3.8	0.1	-0.6	6.2	20.7
15	4.2	32.1	16.0	30.3	10.8	17.9	17.8	5.0	0.3	-0.80	6.2	21.6
16	5.0	32.40	15.2	30.5	10.6	17.0	16.6	4.8	0.6	-0.7	8.4	22.1
17	6.0	32.35	14.6	30.6	10.2	16.6	15.5	4.0	1.2	-0.5	12.3	22.2
18	7.4	32.2	14.4	30.6	9.9	16.9	14.8	3.3	1.2	-0.6	15.5	21.8
19	9.0	32.0	14.1	30.7	9.9	18.2	14.4	2.6	1.4	-0.3	18.0	21.8
20	10.1	31.8	13.6	30.8	10.4	19.2	13.8	2.1	2.0	-0.1	19.7	22.0
21	10.6	31.4	13.1	30.8	11.8	19.3	13.2	1.8	2.3	-0.1	22.2	22.1
22	10.4	30.8	12.4	31.0	11.6	18.8	12.2	1.7	2.2	-0.3	24.3	22.2
23	10.2	30.4	11.5	31.0	17.8	18.2	11.5	1.8	2.6	-0.2	25.7	23.0
24	9.0	29.8	10.8	30.9	20.7	17.3	10.7	1.7	2.4	0.8	26.9	24.0
25	8.6	29.2	10.3	30.8	23.7	16.7	10.0	1.6	2.0	0.7	27.8	25.0
26	9.4	28.2	10.1	30.4	26.6	16.5	9.8	1.2	1.8	1.0	28.4	25.9
27	11.2	26.4	9.8	29.9	28.4	16.4	9.9	0.8	1.6	1.4	28.7	26.7
28	13.6	24.1	10.2	29.2	29.5	16.4	9.9	0.6	1.8	1.8	28.7	27.3
29	15.2		11.0	28.0	30.3	16.1	9.4	0.4	1.8	2.8	28.4	27.6
30	16.2		11.7	26.8	30.7	15.6	9.4	0.0	2.0	4.1	27.8	27.7
31	17.7		12.2		30.8		9.5	-0.4		4.9		27.7

6:00 a.m. readings

1956
MISSISSIPPI RIVER
MEMPHIS, TENNESSEE

15

Zero of gage: 183.91 m. s. l. (184.21 m. g. l.) (Bankfull 34') 732.7 miles A.H.P.
 Lat.: 35°08'32" - Long.: 90°03'28"
 Memphis District, CE gage.

Incline and vertical gage located at foot of Beale Avenue.

Highest: 30.45 at 4:00 p. m. on 29 February & 8:00 A. M. on 2 March

Lowest: -5.19 at 10:00 a. m. on 24 January

Period of record: 10 November 1871 to date

Highest for period of record: 50.40 on 9 February 1937

Lowest for period of record: -5.19 at 10:00 a. m. on 24 January 1956.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-1.2	-0.9	30.45	23.6	18.6	10.0	10.8	7.0	1.8	-1.2	-2.6	-1.0
2	-1.4	4.3	30.45	22.1	17.1	9.3	10.8	7.0	1.0	-1.6	-2.5	-1.0
3	-1.8	10.1	30.2	20.1	15.9	9.3	10.5	6.8	1.0	-1.6	-2.6	-1.1
4	-2.2	11.7	30.0	18.6	15.5	10.2	10.2	6.8	1.0	-1.2	-2.6	-1.4
5	-2.1	18.6	29.6	17.2	15.6	11.4	10.0	7.0	1.4	-0.8	-2.3	-2.0
6	-2.1	21.2	29.2	16.8	15.8	13.0	9.7	7.3	2.1	-0.8	-1.9	-2.2
7	-2.6	23.0	28.6	16.9	15.7	11.4	9.2	8.1	2.5	-1.2	-1.8	-2.3
8	-2.8	21.2	28.2	17.6	15.1	15.2	9.0	8.7	2.5	-1.4	-1.4	-2.6
9	-2.9	25.4	27.1	19.0	15.3	15.5	8.8	8.9	2.2	-1.6	-1.2	-3.1
10	-2.9	26.3	26.8	20.8	15.7	15.4	8.8	8.1	1.8	-1.6	-1.3	-3.2
11	-3.2	26.9	26.4	22.4	16.3	15.2	8.7	7.2	1.7	-1.6	-1.6	-2.8
12	-3.1	27.3	25.9	23.1	16.9	14.8	8.4	6.6	1.7	-1.6	-2.1	-1.3
13	-2.9	27.1	25.4	24.0	17.2	14.2	8.1	6.4	1.6	-1.7	-2.8	0.0
14	-3.2	27.2	25.2	24.2	17.4	13.4	8.1	6.5	1.6	-1.8	-3.0	1.2
15	-3.4	27.0	24.6	24.6	17.4	12.6	8.2	6.8	1.3	-2.2	-2.6	2.4
16	-3.6	26.4	24.5	24.4	16.7	11.5	8.1	7.8	1.2	-2.5	-2.4	4.3
17	-3.8	25.8	24.6	24.1	16.0	10.4	7.6	8.8	1.0	-2.6	-2.8	7.0
18	-4.0	26.0	25.0	24.5	15.3	9.3	6.9	9.6	0.6	-2.8	-3.2	9.9
19	-4.1	25.8	25.6	24.8	14.8	8.1	6.0	10.2	0.0	-3.1	-3.2	11.6
20	-4.2	26.4	26.2	25.1	14.4	6.0	5.5	10.5	1.2	-3.6	-2.9	12.6
21	-4.4	27.3	26.6	25.2	13.9	4.0	5.4	10.0	1.9	-3.8	-2.5	13.0
22	-4.8	28.0	27.1	25.0	13.4	3.5	5.9	9.1	2.3	-4.0	-2.7	13.3
23	-5.1	28.6	27.4	24.6	13.2	4.0	6.8	7.8	2.3	-4.2	-2.4	13.6
24	-5.19	29.0	27.4	23.8	13.3	5.0	7.4	6.9	2.0	-4.6	-1.8	13.8
25	-5.1	29.4	27.4	23.2	13.4	5.8	7.4	5.8	1.0	-4.6	-1.3	13.8
26	-4.9	29.7	27.2	22.9	13.4	7.1	7.2	4.8	0.0	-3.9	-0.7	14.1
27	-4.4	29.8	26.8	22.5	13.0	8.3	7.0	4.5	-0.1	-3.4	-0.9	14.2
28	-4.0	30.2	26.5	22.0	12.4	8.8	6.8	4.2	-0.3	-3.4	-1.0	14.0
29	-3.8	30.45	26.1	21.2	11.8	9.6	6.8	3.8	-0.6	-3.4	-0.8	13.6
30	-4.6		25.6	20.1	11.3	10.4	6.8	3.2	-0.9	-3.2	-0.8	13.0
31	-2.0		24.8		10.6		6.8	2.6	.	-2.8		12.2

8:00 A. M. readings

1955
MISSISSIPPI RIVER
MEMPHIS, TENNESSEE

15

Zero of gage: 182.91 m.s.l. (184.21 m.g.l.) (Bankfull 34') 732.7 miles A.H.P.
 Lat.: $35^{\circ} 08' 32''$ - Long.: $90^{\circ} 03' 28''$
 Memphis District, CE gage..

Incline and vertical gage located at foot of Beale Avenue.

Highest: 36.80 at 4:00 p. m. on 2 April.
 Lowest: -3.40 at 4:00 p. m. on 20-21 September.
 Period of record: 10 November 1871 to date.
 Highest for period of record: 50.40 on 9 February 1937.
 Lowest for period of record: -3.50 on 21 November 1953.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	8.4	4.9	26.9	36.5	21.4	9.2	6.4	4.0	-1.2	-1.9	-1.0	6.8
2	10.0	4.0	27.2	36.7	21.3	10.2	6.8	3.8	-1.3	-2.2	-0.3	6.5
3	11.6	3.0	27.2	36.7	21.1	11.4	7.1	3.6	-1.5	-1.2	0.3	6.0
4	12.5	2.4	27.1	36.3	20.8	12.0	7.0	3.0	-1.1	0.0	0.2	5.3
5	12.8	2.6	27.1	35.8	20.4	11.9	6.6	2.4	-0.5	0.4	0.7	3.9
6	13.2	3.3	27.4	35.4	19.7	11.3	5.7	1.5	0.0	1.0	1.6	2.8
7	14.0	4.0	27.7	34.3	18.8	10.2	5.1	1.0	0.1	1.5	2.3	2.2
8	15.0	4.8	27.9	32.7	17.8	9.4	4.6	0.7	0.0	1.1	2.6	2.9
9	15.8	5.8	28.0	30.6	16.7	9.0	4.3	0.4	-0.4	0.8	2.4	4.0
10	16.8	8.0	28.0	28.2	15.4	8.8	4.2	0.4	-1.1	2.4	2.0	4.8
11	18.1	10.7	28.2	26.0	13.8	8.9	4.4	0.7	-1.4	5.1	1.5	5.0
12	19.0	13.1	28.6	23.8	12.2	9.2	5.2	1.2	-1.8	7.3	1.4	4.9
13	19.4	15.0	28.9	22.8	10.2	9.6	6.4	1.8	-2.1	8.0	1.4	4.8
14	19.0	16.3	29.2	21.5	8.2	10.4	7.1	2.0	-2.6	7.1	1.4	4.2
15	18.4	17.2	29.4	20.8	7.2	11.3	7.6	2.3	-2.6	6.0	1.3	4.0
16	17.4	17.8	29.6	20.6	7.7	12.0	7.6	2.8	-2.7	5.1	1.0	3.3
17	16.6	18.0	29.8	20.5	8.6	12.2	7.8	2.9	-2.8	4.4	0.3	2.0
18	15.9	17.8	30.0	20.3	10.0	12.3	7.8	2.6	-3.0	3.6	-0.2	1.2
19	15.2	17.2	30.2	19.9	11.5	12.3	7.3	2.6	-3.2	2.8	0.7	1.0
20	14.3	16.8	30.4	19.5	12.4	12.1	7.2	2.3	-3.3	2.4	2.3	1.0
21	13.2	16.0	31.0	19.4	12.8	11.6	7.4	1.8	-3.4	2.6	3.4	0.8
22	12.2	15.2	31.6	19.1	12.4	10.9	7.1	1.3	-3.3	2.6	4.2	0.2
23	11.1	14.6	32.1	19.0	12.0	9.6	7.1	1.0	-3.3	1.8	5.2	-0.4
24	10.0	15.9	32.8	19.2	11.6	8.6	7.0	0.8	-3.3	1.2	6.2	-1.5
25	9.1	19.5	33.4	19.4	11.4	7.8	6.5	0.8	-3.3	0.4	6.8	-1.8
26	7.8	23.1	34.0	19.6	10.8	7.2	5.6	1.0	-2.6	0.0	6.9	-2.0
27	6.4	25.0	34.5	20.0	10.5	7.0	5.0	0.9	-2.3	-0.1	6.8	-2.8
28	5.7	26.2	35.1	20.6	9.8	6.8	4.6	0.7	-2.2	-0.2	6.8	-3.1
29	5.8		35.6	21.0	9.2	6.4	4.6	0.4	-1.8	-0.4	7.0	-3.2
30	5.6		36.0	21.3	9.0	6.3	4.4	-0.1	-1.8	-1.0	6.8	-2.6
31	5.3		36.3		8.8		4.2	-0.8		-1.3		-1.7

8:00 a. m. readings

1954
MISSISSIPPI RIVER
MEMPHIS, TENNESSEE

Zero of gage: 183.91 m. s. l. (184.21 m. g. l.) (Bankfull 34') 732.7 miles A. H. P.
 Lat.: 35° 08' 32" - Long.: 90° 03' 28"
 Memphis District, CE gage.

Incline and vertical gage located at foot of Beale Avenue.

Highest: 19.75 on 30 January.

Lowest: -2.90 on 18, 19 September.

Period of record: 10 November 1871 to date.

Highest for period of record: 50.40 on 9 February 1937.

Lowest for period of record: -3.50 on 21 November 1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	-1.5	19.0	6.7	9.4	15.7	7.0	8.5	4.6	3.0	-0.4	11.4	0.3
2	-1.6	19.6	5.8	9.4	15.2	5.8	8.6	1.9	4.8	-0.6	9.9	-0.1
3	-1.4	17.6	6.3	9.6	15.4	5.4	8.6	-0.1	5.4	-1.0	7.8	0.1
4	-1.6	16.0	7.0	9.5	14.8	5.1	8.2	-0.9	5.2	-1.2	6.4	0.8
5	-2.2	13.4	8.0	9.3	14.6	5.7	8.0	-0.8	4.3	-0.8	6.0	1.3
6	-2.4	10.8	8.6	9.1	14.3	7.2	8.0	-0.4	3.0	-0.5	5.8	1.4
7	-2.3	8.3	8.8	9.2	14.2	8.7	8.2	-0.4	2.2	-0.5	5.3	1.4
8	-2.2	6.2	8.6	9.5	14.2	9.8	8.4	-0.4	2.0	-0.7	4.6	1.9
9	-2.2	4.5	8.4	10.1	14.8	10.9	8.5	0.4	1.6	-0.2	3.9	3.1
10	-2.0	3.2	8.5	10.7	15.8	11.8	7.9	1.2	1.1	0.7	3.5	3.8
11	-1.7	2.1	9.2	11.2	16.6	12.1	7.2	1.8	0.6	1.5	3.4	3.7
12	-1.9	1.5	10.1	11.5	16.7	11.9	6.5	2.1	-0.2	2.4	2.8	3.2
13	-2.2	1.1	11.0	11.2	16.5	11.4	5.7	2.2	-1.2	3.0	2.0	2.8
14	-2.2	0.4	11.5	10.4	16.2	10.8	4.8	2.6	-1.8	3.0	1.6	2.3
15	-1.1	-0.2	11.6	9.6	15.8	9.9	4.6	2.4	-2.2	3.0	1.4	2.1
16	0.7	0.2	11.1	9.2	15.4	9.4	4.5	1.6	-2.3	3.8	1.0	2.4
17	0.7	0.6	10.2	9.0	15.1	9.0	4.4	1.1	-2.6	5.2	0.6	2.6
18	1.2	0.5	9.1	8.8	15.3	8.6	4.4	1.1	-2.9	6.2	0.1	2.5
19	3.1	1.2	7.9	9.2	14.8	8.4	4.2	0.8	-2.9	7.4	-0.2	2.4
20	6.0	2.6	6.8	9.9	14.6	8.2	4.1	0.4	-2.8	8.0	-0.4	2.4
21	9.7	3.4	6.2	11.0	14.2	8.2	4.2	0.6	-2.7	8.2	-0.7	2.6
22	11.6	4.6	6.1	12.2	13.8	8.6	4.2	0.9	-2.1	8.2	-1.3	2.8
23	13.1	5.7	6.4	13.2	13.4	9.0	4.3	1.1	-0.8	8.4	-1.6	3.4
24	11.4	6.6	6.8	13.6	13.0	9.1	4.8	1.3	1.1	8.6	-1.4	4.1
25	15.8	7.2	7.1	14.0	12.4	9.2	5.1	1.5	-2.3	9.4	-1.2	4.0
26	17.0	7.6	7.1	11.8	11.5	8.8	5.4	1.7	2.9	10.8	-1.1	4.1
27	18.4	7.5	7.0	15.6	10.6	8.2	5.6	2.0	2.3	12.2	-0.6	4.6
28	19.2	7.3	7.2	16.2	10.0	7.4	5.7	1.6	1.4	13.1	-0.4	5.2
29	19.65		7.8	16.6	9.4	7.3	5.9	1.0	0.8	13.4	0.3	5.8
30	19.75		8.5	16.2	8.7	7.8	6.1	0.8	0.0	13.1	0.6	6.2
31	19.4		9.1		7.7		5.9	1.6		12.4		7.0

6:00 a. m. readings

1953
MISSISSIPPI RIVER
MEMPHIS, TENNESSEE

Zero of gage: 183.91 m. s. l. (184.21 m. g. l.) (Bankfull 34') 732.7 L. miles A. H. P.
 Lat.: $35^{\circ} 08' 32''$ - Long.: $90^{\circ} 03' 28''$
 Memphis District, CE gage.

Incline and vertical gage located at foot of Beale Avenue.

Highest: 26.65 on 24 May.

Lowest: -3.50 on 21 November.

Period of record: 10 November 1871 to date.

Highest for period of record: 50.40 on 9 February 1937.

Lowest for period of record: -3.50 on 21 November 1953.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1.4	14.4	20.8	21.8	19.4	21.8	8.7	5.0	2.2	-1.8	-3.0	-3.4
2	1.0	14.6	21.0	21.4	19.2	21.0	8.8	4.6	2.2	-2.0	-2.9	-3.3
3	1.3	14.7	20.6	21.2	19.4	20.0	9.0	4.5	2.2	-2.2	-2.9	-3.1
4	1.5	14.8	20.2	21.4	20.0	18.6	9.2	4.5	1.9	-2.5	-3.0	-3.0
5	1.8	14.4	20.0	22.1	20.4	17.2	9.6	4.6	1.5	-2.7	-3.1	-3.0
6	2.2	14.0	21.0	23.2	20.2	16.0	9.8	4.6	1.0	-2.8	-3.1	-2.3
7	2.4	13.4	22.4	23.8	19.8	14.6	9.9	4.5	0.7	-3.0	-3.2	-2.2
8	2.7	12.9	23.6	24.0	20.0	13.6	10.1	4.4	0.6	-2.8	-3.2	-2.1
9	2.9	12.6	24.1	24.0	20.0	13.0	10.6	4.6	0.6	-2.6	-3.2	-2.0
10	3.3	12.2	25.0	23.4	19.6	12.6	10.8	4.8	0.5	-2.6	-3.2	-1.6
11	4.5	12.5	25.2	22.6	19.4	12.2	11.0	5.0	0.4	-2.6	-3.2	-1.8
12	5.2	12.8	25.2	21.8	19.6	12.2	11.2	5.2	0.0	-2.8	-3.2	-1.7
13	6.0	12.2	24.8	21.2	19.8	12.2	11.4	5.8	-0.1	-2.7	-3.2	-1.0
14	7.5	12.2	24.2	20.4	20.0	12.2	11.0	6.2	-0.9	-2.8	-3.1	-0.2
15	9.6	13.4	23.6	19.8	20.2	12.2	10.2	6.3	-1.2	-3.0	-3.0	-0.5
16	11.6	14.9	22.8	19.4	20.4	12.2	9.7	6.3	-1.3	-3.2	-3.0	-0.8
17	13.2	16.4	22.2	19.0	21.0	12.0	8.9	6.3	-1.3	-3.2	-3.1	-0.3
18	14.0	17.0	22.4	18.6	21.8	12.4	8.1	6.1	-1.2	-3.0	-3.3	0.2
19	14.2	17.4	22.2	18.4	22.9	13.0	7.6	5.6	-1.0	-3.0	-3.4	0.0
20	13.7	17.0	22.2	18.2	21.0	13.0	6.9	5.4	-1.0	-3.0	-3.4	-0.2
21	12.8	16.9	22.2	18.4	25.2	12.6	6.6	5.4	-1.4	-3.0	-3.5	-0.2
22	12.2	16.2	22.6	18.6	26.0	12.4	7.7	5.0	-1.6	-3.0	-3.2	-0.1
23	12.2	15.8	23.0	18.8	26.55	12.2	7.2	4.6	-1.8	-3.1	-3.2	-0.4
24	12.6	15.8	23.0	18.9	26.65	11.8	6.8	4.0	-1.6	-3.1	-3.3	-0.5
25	13.1	16.8	23.2	19.0	26.45	11.0	7.0	3.6	-1.6	-3.2	-3.2	-0.2
26	13.6	18.0	23.6	18.8	25.8	10.1	7.0	3.2	-1.6	-3.2	-2.8	-0.4
27	14.0	19.4	24.0	18.8	24.8	9.2	7.0	2.9	-1.6	-3.2	-2.8	-0.9
28	14.6	20.4	24.0	18.9	23.8	8.3	6.8	2.7	-1.7	-3.2	-3.0	-1.2
29	14.5	23.6	19.0	23.2	8.0	6.2	2.7	-1.7	-3.2	-3.3	-1.2	
30	14.4	22.8	19.8	22.8	8.4	5.6	2.8	-1.8	-3.2	-3.4	-1.1	
31	14.2		22.2		22.4		5.4	2.6		-3.1		-1.2

8:00 a. m. readings

AMRY, CE MEMPHIS (CLASS A)

1952
MISSISSIPPI RIVER
MEMPHIS, TENNESSEE

Zero of gage: 183.91 m.s.l. (184.21 m.g.l.) (Bankfull 34')
 732.7 L. miles A.H.P.
 Lat. 35° 08' 32" - Long. 90° 03' 28"
 Memphis District, CR gage

Incline and vertical gage located at foot of Beale Avenue.

Highest: 38.12 on 1 April.

Lowest: -2.10 on 9 November.

Period of record: 10 Nov. 1871 to date.

Highest for period of record: 50.40 on 9 Feb. 1937.

Lowest for period of record: -2.65 on 6-9 Nov. 1895.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	28.8	28.0	20.2	38.12	30.4	20.2	15.8	5.9	4.7	-0.3	-1.4	1.2
2	29.0	28.8	19.0	37.9	30.4	20.2	15.0	5.6	4.2	-0.4	-1.2	1.1
3	29.2	29.4	18.0	37.6	30.4	19.7	13.6	5.3	3.7	-0.5	-1.4	0.9
4	29.6	30.0	17.2	37.3	30.5	19.0	12.8	4.9	3.2	-0.5	-1.6	0.9
5	29.6	30.7	16.2	36.8	30.8	18.2	12.4	4.9	3.4	-0.5	-1.8	1.1
6	29.4	31.3	16.2	36.3	31.2	17.6	12.5	4.6	3.6	-0.8	-1.8	1.3
7	29.0	31.8	17.1	35.9	31.4	17.2	12.4	4.7	3.6	-0.9	-1.9	1.9
8	28.6	32.4	18.2	35.5	31.5	17.0	11.8	4.9	3.4	-0.8	-2.0	2.7
9	28.4	33.0	19.2	35.2	31.4	16.6	11.4	5.0	3.4	-0.7	-2.1	3.3
10	28.3	33.4	19.5	34.7	31.2	16.0	10.8	5.0	3.4	-1.0	-2.0	3.9
11	28.3	33.8	20.2	34.2	30.4	14.8	9.9	4.9	3.3	-1.2	-2.0	3.8
12	28.4	34.2	20.6	33.4	29.0	12.3	9.2	5.2	3.1	-1.4	-2.0	3.6
13	28.4	34.6	22.4	33.0	27.1	10.8	9.0	6.1	2.6	-1.6	-1.8	4.1
14	28.8	34.8	21.8	32.0	25.0	11.0	8.8	7.2	2.0	-1.5	-1.5	5.0
15	29.4	34.8	27.0	31.2	23.2	11.2	8.5	7.4	1.4	-1.3	-1.5	6.0
16	29.8	34.6	29.0	30.8	21.8	11.2	8.4	7.0	1.2	-1.2	-1.8	6.2
17	30.0	34.4	30.6	30.4	20.6	10.7	8.6	6.5	1.2	-0.8	-2.0	6.1
18	30.0	34.2	31.6	30.4	19.8	10.1	8.8	6.4	1.4	-0.7	-1.8	6.0
19	29.4	33.8	32.7	30.2	19.0	10.3	9.0	6.1	1.8	-0.8	-1.5	6.0
20	28.6	33.6	33.4	30.2	18.6	10.6	9.1	6.0	1.8	-1.1	-1.6	6.1
21	27.2	33.0	34.0	30.2	18.4	10.8	8.9	6.6	1.4	-1.2	-1.5	6.4
22	25.8	32.0	34.6	30.2	18.4	10.8	8.4	6.8	1.3	-1.4	-1.2	6.6
23	24.2	30.9	34.8	30.0	18.4	10.8	8.0	6.5	1.5	-1.3	-0.6	6.8
24	22.8	29.4	35.1	30.0	18.4	10.6	7.9	6.4	1.3	-1.2	0.1	5.6
25	22.4	27.8	35.4	29.9	18.2	10.8	7.9	6.0	0.7	-1.2	0.3	4.0
26	22.8	26.0	35.8	29.9	18.0	11.6	7.9	6.2	0.8	-1.4	1.0	2.9
27	21.0	24.4	36.0	30.0	17.8	12.2	7.5	6.9	0.8	-1.4	1.8	2.2
28	25.0	22.8	36.7	30.2	17.7	13.4	6.9	7.4	0.6	-1.5	2.3	2.1
29	25.8	21.6	37.3	30.2	18.2	15.0	6.5	7.4	0.2	-1.8	2.1	2.2
30	26.6		37.6	30.4	19.0	16.0	6.2	6.8	-0.1	-1.9	1.7	2.3
31	27.4		37.9		19.8		6.0	6.0		-1.8		2.2

8:00 a.m. readings

ARM, CE MEMPHIS (CLASS A)

1951
MISSISSIPPI RIVER
MEMPHIS, TENNESSEE

ZERO OF GAGE: 183.91 M.S.L. (184.21 M.G.L.) (BANKFULL 34+)
732.7 L. MILES A.H.P.

LAT. 35° 08' 32" - LONG. 90° 03' 28"
MEMPHIS DISTRICT, CE GAGE

INCLINE AND VERTICAL GAGE LOCATED AT FOOT OF BEALE AVE.

HIGHEST: 36.20 ON 3 MARCH

LOWEST: 5.15 AT 4:00 P.M. ON 24 OCT.

PERIOD OF RECORD: 10 NOV. 1871 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 50.40 ON 9 FEB. 1937.

LOWEST FOR PERIOD OF RECORD: -2.65 ON 6-9 NOV. 1895.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	7.8	25.4	35.8	29.3	33.7	16.0	22.5	26.8	12.2	11.0	10.6	21.6
2	7.2	24.6	36.0	30.0	33.0	15.7	23.3	28.0	13.0	10.2	10.4	21.6
3	7.9	23.6	36.20	31.0	32.1	15.6	24.3	26.6	13.6	9.4	10.0	21.3
4	8.5	22.8	36.15	32.0	31.0	15.6	25.4	24.8	14.1	9.0	9.8	21.5
5	8.8	23.0	36.0	32.8	29.8	15.4	25.9	22.2	13.8	8.8	9.6	21.0
6	10.5	23.4	35.9	33.4	29.0	15.2	26.4	19.3	12.8	8.5	9.8	21.0
7	13.2	24.4	35.8	34.2	28.1	15.2	26.9	16.0	11.8	8.0	10.1	21.4
8	16.0	25.0	35.7	34.5	27.8	15.0	27.2	13.6	11.4	7.4	10.2	21.8
9	18.6	25.9	35.5	34.6	27.7	15.3	27.7	11.8	11.0	6.8	9.9	22.4
10	20.7	27.0	35.3	34.4	27.8	16.3	28.0	10.6	11.6	6.6	9.7	22.8
11	22.2	28.0	34.9	34.2	28.1	17.6	28.2	9.8	12.0	6.7	9.8	23.7
12	22.7	28.8	34.4	33.7	28.3	18.4	28.4	9.4	12.6	7.3	9.9	24.8
13	23.2	29.5	34.0	33.5	28.4	18.6	28.5	9.2	13.5	7.9	10.1	25.5
14	24.3	29.8	33.4	33.3	28.2	19.0	28.6	9.0	13.8	8.5	10.4	26.2
15	25.4	29.6	32.9	33.2	27.6	19.2	28.5	9.1	14.1	8.8	10.6	27.2
16	26.8	29.7	32.4	33.0	26.8	19.6	28.4	9.7	14.6	8.2	11.8	27.8
17	26.3	29.4	31.8	33.0	26.2	19.8	28.5	9.8	15.0	7.8	13.8	28.4
18	29.4	29.2	31.7	33.0	25.6	19.8	28.6	9.6	15.3	7.5	16.2	29.1
19	29.9	29.3	31.3	33.1	25.2	19.6	28.9	9.0	15.3	7.3	18.4	29.5
20	30.1	29.3	30.8	33.2	24.8	19.4	29.0	8.6	15.4	6.8	19.8	29.6
21	30.4	29.6	30.6	33.3	24.4	19.2	29.2	8.4	15.4	6.5	20.4	29.5
22	30.3	30.0	30.7	33.5	23.7	19.2	29.4	8.7	15.6	6.1	20.4	29.2
23	29.9	31.0	30.9	33.6	23.2	19.3	29.6	9.5	15.4	5.6	20.2	29.0
24	29.6	32.0	31.2	33.8	22.2	19.8	29.6	10.4	15.0	5.2	20.0	28.7
25	29.1	33.0	31.0	33.8	21.4	19.8	29.6	11.2	14.6	5.5	19.6	28.4
26	28.6	33.9	30.6	34.0	20.4	19.8	29.6	11.2	13.7	6.4	19.4	28.3
27	28.1	34.8	30.0	34.2	19.4	20.1	29.6	10.6	13.2	7.6	19.5	28.2
28	27.9	35.4	29.7	34.3	18.7	20.8	29.6	9.8	13.1	8.8	20.0	28.2
29	27.6	29.4	34.3	17.9	21.0	29.6	9.4	12.6	9.4	20.8	28.2	
30	26.9	29.0	34.1	17.2	21.7	29.6	9.8	11.8	9.8	21.4	28.4	
31	26.1		29.0		16.6		29.4	11.0		10.0		28.6

8:00 A.M. READINGS

1950
MISSISSIPPI RIVER
MEMPHIS, TENNESSEE

ZERO OF GAGE: 183.91 M.S.L. (184.21 M.G.L.) (BANKFULL 34¹)
732.7 L. MILES A.H.P.

LAT. 35° 08' 32" - LONG. 90° 03' 28"

GAGE IN CHARGE OF MEMPHIS DISTRICT, CE, MEMPHIS, TENN.

INCLINE AND VERTICAL GAGE LOCATED AT FOOT OF BEALE AVENUE.

HIGHEST: 41.75 ON 22 FEB.

LOWEST: 3.60 ON 6 NOV.

PERIOD OF RECORD: 10 NOV. 1871 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 50.40 ON 9 FEB. 1937.

LOWEST FOR PERIOD OF RECORD: -2.65 ON 6-9 NOV. 1895.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	20.9	41.2	40.2	25.6	18.4	18.6	24.6	17.3	8.0	15.4	4.4	19.6
2	20.6	41.4	39.8	25.5	19.8	18.6	23.3	17.1	8.6	15.7	4.3	18.3
3	20.3	41.2	39.0	25.6	21.2	19.0	21.6	17.1	11.4	15.4	4.2	18.1
4	19.8	41.0	38.0	26.0	22.6	19.5	19.8	17.2	14.0	14.4	3.9	17.2
5	20.5	40.8	37.0	26.7	23.5	20.0	18.3	17.2	15.8	12.4	3.7	16.4
6	22.5	40.6	36.0	27.7	24.3	20.4	17.0	16.8	17.0	9.6	3.6	16.0
7	25.6	40.4	34.8	28.6	25.2	21.0	15.8	16.1	18.1	7.6	4.0	16.2
8	28.2	40.2	33.6	29.6	25.7	21.6	14.5	15.2	18.6	7.2	5.0	17.2
9	29.6	40.0	32.1	30.2	25.7	22.3	13.2	13.8	18.4	6.9	6.0	19.2
10	30.8	40.0	30.3	30.6	25.7	22.7	12.6	12.0	17.9	7.0	6.8	21.1
11	31.9	39.8	28.5	31.2	25.8	22.5	12.5	10.6	17.8	7.7	7.6	22.6
12	32.8	39.6	26.9	31.6	25.9	22.0	12.5	9.4	18.0	6.8	9.0	23.7
13	33.6	40.0	26.0	31.9	26.2	21.4	12.6	8.6	18.0	9.3	10.2	24.4
14	34.6	40.4	25.1	32.2	26.6	20.8	12.8	8.3	17.3	9.3	11.6	25.0
15	35.4	40.5	25.0	32.2	27.0	20.1	12.8	8.4	16.2	9.1	12.9	25.3
16	36.8	40.8	25.5	32.2	27.4	19.8	12.7	8.6	15.1	9.0	13.8	25.6
17	37.6	41.2	26.2	31.8	27.9	19.6	12.1	9.0	13.7	8.6	14.2	25.8
18	38.6	41.4	26.8	31.4	28.2	19.4	11.2	9.9	12.6	7.8	14.0	26.0
19	39.4	41.65	27.3	30.8	28.4	18.9	11.6	10.4	13.8	7.6	13.6	26.2
20	39.8	41.65	27.8	29.8	28.0	18.3	12.7	11.3	11.4	7.6	13.2	26.4
21	40.2	41.65	28.3	28.4	27.4	18.0	13.3	12.8	10.6	7.4	12.4	26.4
22	40.4	41.75	28.7	26.6	26.4	18.1	13.3	13.6	9.3	7.2	11.5	26.3
23	40.6	41.55	29.0	24.4	25.3	18.2	13.7	13.4	8.2	6.5	11.8	25.7
24	40.6	41.4	29.0	22.4	24.4	18.6	15.4	12.6	8.0	5.4	13.2	24.6
25	40.6	41.0	28.6	20.3	23.8	20.0	17.0	11.4	8.6	4.9	15.3	22.9
26	40.6	40.8	27.4	18.6	23.3	21.8	18.2	10.9	9.2	5.0	17.2	20.5
27	40.8	40.6	26.4	17.9	22.7	23.4	19.0	9.9	10.2	5.2	18.8	17.6
28	40.6	40.3	25.4	17.6	21.8	24.6	19.1	9.1	11.8	5.0	19.6	14.8
29	40.4		24.8	17.4	21.0	25.2	18.8	8.2	13.4	4.5	19.8	12.3
30	40.5		25.2	17.7	20.0	25.2	18.4	7.4	14.7	4.4	19.8	10.3
31	40.8		25.4		19.2		17.7	7.4		4.6		8.8

8:00 A.M. READINGS

1949
MISSISSIPPI RIVER
MEMPHIS, TENNESSEE

732.7 ZERO OF GAGE: 183.91 M.S.L. (184.21 M.G.L.) (BANKFULL 348)
 L. MILES A.H.P.
 LAT. 35° 08' 32" - LONG. 90° 03' 28"
 GAGE IN CHARGE OF MEMPHIS DISTRICT, CE, MEMPHIS, TENN.

INCLINE AND VERTICAL GAGE LOCATED AT FOOT OF BEALE AVENUE.

HIGHEST: 36.25 ON 5-6 FEB.

LOWEST: 1.40 ON 5 OCT.

PERIOD OF RECORD: 10 NOV. 1871 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 50.40 ON 9 FEB. 1937.

LOWEST FOR PERIOD OF RECORD: -2.65 ON 6-9 NOV. 1895.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	23.2	34.4	34.7	30.2	16.9	13.0	15.1	10.1	3.9	2.8	9.7	2.4
2	22.4	35.2	35.0	31.0	16.6	13.5	16.0	8.4	4.5	2.4	8.6	2.8
3	21.5	35.8	35.0	31.6	16.4	13.4	16.6	7.6	4.8	2.1	8.1	3.4
4	20.4	35.95	34.8	32.0	16.2	13.4	16.4	7.4	4.8	1.7	8.7	4.3
5	19.8	36.25	34.4	32.6	16.5	13.2	15.8	7.4	4.8	1.4	9.4	4.7
6	19.2	36.25	34.2	32.8	17.0	12.6	15.3	7.4	4.6	2.3	9.4	4.3
7	20.0	36.15	33.6	33.1	17.4	11.6	14.7	7.3	4.5	2.8	9.2	4.3
8	21.8	36.0	32.8	32.0	17.6	11.6	13.5	7.0	4.4	4.0	9.2	4.3
9	23.7	35.8	32.0	32.6	17.1	12.8	12.8	6.6	4.2	5.7	9.4	4.4
10	25.2	35.6	30.8	31.9	16.4	13.8	10.9	6.4	3.6	6.5	9.2	4.5
11	26.2	35.2	29.4	31.0	15.6	13.9	9.9	6.4	3.0	7.0	9.0	4.5
12	27.2	34.8	26.0	29.8	15.0	13.5	9.2	5.9	2.4	7.2	8.3	4.6
13	28.0	34.4	27.5	29.0	14.9	12.6	9.6	5.2	2.6	7.0	6.6	4.8
14	28.6	34.0	27.6	27.2	14.6	11.8	10.7	4.6	2.6	6.6	4.9	6.0
15	29.0	33.4	27.8	25.8	13.9	12.0	12.8	4.6	2.6	6.9	4.3	9.2
16	29.4	33.0	28.0	24.6	13.2	11.8	13.2	4.7	3.4	7.6	4.2	12.6
17	30.0	32.4	28.1	24.2	12.6	11.9	14.2	5.3	2.6	7.7	4.0	15.3
18	30.4	32.0	28.2	24.1	11.9	13.2	14.6	6.2	7.4	7.9	3.4	17.1
19	30.6	31.8	28.0	24.0	11.0	15.6	15.2	6.6	8.6	7.7	2.8	18.3
20	30.4	32.0	27.6	23.6	10.4	18.0	15.6	7.0	9.2	7.5	2.8	19.3
21	30.4	32.0	27.4	23.4	9.9	19.8	16.0	7.2	9.0	7.3	2.6	20.0
22	30.3	32.2	27.2	23.2	9.7	20.9	16.2	7.7	8.7	7.4	2.6	20.8
23	30.1	32.4	26.8	23.0	9.6	20.9	16.2	7.4	8.1	7.2	2.5	21.0
24	29.8	32.6	26.4	22.9	9.4	20.2	16.4	7.0	7.4	7.2	2.6	21.2
25	29.5	33.0	26.8	22.4	9.4	19.0	16.6	6.9	6.6	8.6	2.6	21.5
26	29.6	33.5	25.7	21.6	9.8	17.5	16.2	6.9	5.7	11.0	2.4	22.2
27	30.6	34.0	25.8	20.4	10.4	16.1	15.4	6.7	4.6	12.9	2.4	22.8
28	31.7	34.4	26.2	19.2	11.2	15.1	14.6	5.4	3.8	13.3	2.2	22.9
29	32.4	27.2	18.2	12.2	14.4	13.6	4.9	3.3	1.7	2.2	2.2	22.6
30	33.2	28.2	17.4	12.8	14.3	12.8	4.3	3.1	1.8	2.2	2.2	21.9
31	33.8		29.4		13.0		11.8	3.8		10.9		21.4

6:00 A. M. READINGS

49

1948
MISSISSIPPI RIVER
MEMPHIS, TENNESSEE

ZERO OF GAGE: 183.91 M.S.L. (184.21 M.G.L.) (BANKFULL 34')
 732.7 L. MILES A.H.P.
 LAT. 35° 08' 32" - LONG. 90° 03' 28"
 GAGE IN CHARGE OF MEMPHIS DISTRICT, CE, MEMPHIS, TENN.

INCLINE AND VERTICAL GAGE LOCATED AT FOOT OF BEALE AVENUE.

HIGHEST: 37.75 AT 4:00 P.M. ON 8 APRIL.

LOWEST: -0.55 ON 5 OCTOBER.

PERIOD OF RECORD: 10 NOVEMBER 1871 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 50.40 ON 9 FEBRUARY 1937.

LOWEST FOR PERIOD OF RECORD: -2.65 ON 6-9 NOVEMBER 1895.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	2.8	3.9	32.2	34.5	33.7	10.9	16.6	18.7	2.3	1.4	0.0	13.6
2	2.8	3.4	32.1	35.3	33.3	9.6	16.5	18.4	2.4	0.8	0.0	14.6
3	2.7	2.6	31.9	35.9	32.7	8.6	16.2	17.6	2.5	0.0	-0.1	15.8
4	5.1	2.4	31.6	36.5	31.5	7.9	15.6	16.2	2.3	-0.4	-0.2	17.0
5	9.0	2.8	31.4	37.0	29.5	7.4	15.3	14.3	2.3	-0.55	0.4	17.7
6	11.6	3.2	31.6	37.4	26.6	7.1	15.2	12.8	2.0	-0.4	1.4	18.6
7	12.9	3.6	31.8	37.6	23.4	7.0	14.8	12.4	2.0	0.3	2.2	19.6
8	13.6	3.8	32.2	37.7	20.7	6.8	14.0	12.2	2.1	0.4	3.8	20.4
9	14.0	4.7	32.3	37.6	18.8	6.4	13.2	11.8	2.0	0.2	6.4	20.8
10	14.2	6.2	32.4	37.4	18.0	6.1	12.8	11.2	2.0	-0.2	8.2	20.8
11	14.2	7.6	32.4	36.7	18.0	5.8	12.0	10.8	2.1	-0.2	8.9	20.0
12	14.2	9.2	32.2	36.2	18.0	5.9	11.0	10.4	2.4	-0.2	9.1	19.0
13	14.1	10.7	31.8	36.0	18.4	6.2	10.4	9.9	2.2	-0.4	9.4	17.6
14	13.8	12.0	31.3	35.5	19.0	6.6	9.5	9.4	1.6	0.0	9.4	16.0
15	13.1	14.2	30.2	35.0	19.5	6.5	8.6	8.8	1.2	0.7	9.0	14.5
16	12.5	17.1	28.4	34.6	19.8	6.4	7.9	8.1	1.4	0.9	8.0	13.6
17	11.6	20.4	25.7	34.3	20.0	6.5	7.1	7.1	1.5	0.6	7.2	12.6
18	10.7	23.2	23.2	34.2	20.5	6.9	6.6	6.2	1.5	0.0	7.0	12.2
19	9.8	25.4	21.9	34.1	21.4	7.4	7.2	6.0	0.9	-0.2	7.3	13.4
20	9.2	27.2	21.8	34.1	21.4	7.4	7.9	5.9	0.5	0.2	6.9	15.4
21	9.0	28.5	22.7	34.0	20.0	7.1	8.3	5.6	0.3	0.8	7.0	18.0
22	8.9	29.5	23.9	33.9	20.4	7.1	8.7	5.4	0.2	1.4	8.8	20.0
23	8.8	29.9	25.3	34.0	19.6	7.4	9.4	4.7	0.3	1.6	10.6	21.5
24	8.2	30.5	26.5	34.0	18.7	8.2	10.0	4.4	0.4	1.2	11.8	22.4
25	6.7	31.1	27.3	34.0	17.7	9.1	11.0	4.2	1.0	0.8	12.2	22.9
26	4.4	31.8	29.0	34.2	16.7	10.0	11.6	4.2	1.5	0.8	12.0	22.8
27	3.0	32.1	30.2	34.2	15.7	11.6	12.8	4.0	1.6	0.8	11.8	22.8
28	2.4	32.4	31.0	34.2	14.8	13.5	13.9	3.8	1.6	0.6	11.7	23.0
29	2.5	32.4	31.8	34.2	13.9	14.9	15.1	3.4	1.6	0.2	12.0	23.6
30	3.0	32.5	34.0	13.1	16.0	17.0	2.8	1.8	0.0	12.8	23.8	
31	3.7	33.7		12.1		18.4	2.4		0.0		23.6	

8:00 A.M. READINGS.

1947
MISSISSIPPI RIVER
MEMPHIS, TENNESSEE

ZERO OF GAGE: 183.91 M.S.L. (184.21 M.G.L.) (BANKFULL 34°)
 732.7 L. MILES A.H.P.
 LAT. 35° 08' 32" - LONG. 90° 03' 28"
 GAGE IN CHARGE OF MEMPHIS DISTRICT, CE, MEMPHIS, TENNESSEE

INCLINE AND VERTICAL GAGE LOCATED AT FOOT OF BEALE AVENUE.

HIGHEST: 33.30 ON 25 APRIL.

LOWEST: -0.40 ON 21-22 OCTOBER.

PERIOD OF RECORD: 10 NOVEMBER 1871 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 50.40 ON 9 FEBRUARY 1937

LOWEST FOR PERIOD OF RECORD: -2.65 ON 6-9 NOVEMBER 1895.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	8.6	27.7	8.0	15.9	32.0	26.7	28.9	9.5	6.1	2.4	2.3	4.3
2	10.0	27.3	7.4	16.4	32.1	26.8	28.7	9.3	5.7	2.2	2.2	4.5
3	11.8	26.7	7.0	17.0	32.1	26.8	28.6	9.2	4.6	1.9	2.4	4.6
4	13.3	26.2	6.8	17.9	32.2	26.8	28.6	9.0	4.1	1.3	2.6	4.4
5	15.8	25.6	6.7	18.9	32.2	27.0	28.8	8.6	4.0	1.2	3.2	3.7
6	18.2	25.0	6.9	19.8	32.3	27.2	29.1	8.3	4.0	0.6	3.8	2.6
7	20.1	24.6	6.8	20.4	32.2	27.2	29.4	8.0	4.2	0.1	3.7	2.0
8	21.6	24.1	6.8	20.8	32.0	27.2	29.8	7.7	4.1	0.4	3.6	1.6
9	23.0	23.4	7.0	21.6	31.6	27.3	30.0	7.4	3.5	0.6	3.9	1.2
10	23.6	22.5	7.8	22.9	31.1	27.3	30.0	7.2	3.2	0.6	4.3	2.3
11	23.9	21.5	8.8	24.8	30.4	27.3	29.9	7.0	3.8	0.7	4.7	4.2
12	23.8	20.3	9.5	26.1	29.6	27.3	29.6	7.0	4.5	0.7	4.5	5.6
13	23.0	19.0	10.2	27.3	28.5	27.3	29.3	7.0	5.0	0.4	4.4	7.0
14	21.8	17.4	11.0	28.3	27.2	27.4	28.8	7.2	5.2	0.2	4.3	7.8
15	20.9	15.7	11.6	29.0	26.0	27.6	28.4	6.9	4.8	0.0	4.5	7.9
16	19.6	13.8	11.9	29.8	24.5	28.0	27.5	6.0	3.6	0.2	4.1	7.7
17	18.3	12.0	12.1	30.5	23.0	28.6	26.5	5.2	2.6	0.7	4.0	7.0
18	17.4	9.9	12.4	31.0	21.7	29.2	25.2	5.3	2.7	0.8	4.3	6.7
19	17.4	7.8	13.8	31.6	20.5	29.8	23.6	5.6	3.0	0.3	4.9	6.8
20	18.3	7.4	15.6	32.1	19.5	30.3	21.5	5.2	2.9	-0.1	5.4	7.0
21	19.8	7.8	16.5	32.5	18.8	30.7	19.7	4.8	3.0	-0.4	5.4	7.0
22	21.5	8.1	16.9	32.8	18.4	31.1	18.3	5.0	3.2	-0.4	5.2	6.6
23	23.2	8.3	17.4	33.1	18.6	31.4	17.2	5.2	2.7	0.0	5.1	6.1
24	24.6	9.3	18.0	33.2	19.6	31.2	16.2	5.2	2.1	0.5	4.7	5.7
25	25.6	10.1	18.0	33.3	21.1	31.0	15.1	5.2	1.9	0.9	4.5	6.0
26	26.2	10.3	17.6	33.0	22.4	30.6	14.2	5.0	2.1	0.8	4.6	5.7
27	26.5	10.0	17.1	32.6	23.5	30.1	13.2	4.9	3.0	0.8	4.6	4.9
28	27.0	9.0	16.6	32.3	24.4	29.8	12.2	5.0	3.7	0.6	4.4	3.6
29	27.3	7.6	16.0	32.0	25.4	29.4	11.2	5.4	3.5	1.0	4.2	2.5
30	27.6	7.6	15.6	31.9	26.0	29.1	10.0	5.8	2.8	1.8	4.2	2.1
31	27.7		15.6		26.4		9.6	6.2		2.2		2.4

8: A.M. READINGS.

The original of this page
is in possession of the U.S. Army Corps of Engineers.

RIVER STAGES

Mississippi..... River Gauge at..... Memphis, Tenn..... for the calendar year 1946.....

Zero elevation..... 184.21..... feet above..... M.G.L.
 " "..... 183.91..... " "..... M.S.L.

Bank full stage..... feet on gauge A.H.P. Miles 732.7L

M.R.C.5M.5-8-57

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	15.55	19.25	28.90	28.80	9.90	21.70	21.40	6.20	4.95	3.50	5.15	11.60	1
2	16.30	16.40	27.55	28.80	10.00	20.60	20.75	5.75	4.50	3.60	5.30	11.80	2
3	16.30	14.45	26.25	28.80	10.50	19.50	19.75	5.80	4.00	3.70	5.40	11.15	3
4	16.10	13.25	24.90	28.70	11.90	18.60	18.55	6.00	3.25	3.90	5.60	9.95	4
5	16.10	12.50	23.50	28.35	13.15	18.00	17.35	5.60	3.00	3.70	7.55	9.25	5
6	16.15	12.85	22.05	27.80	13.90	17.80	16.00	5.50	3.20	3.30	11.10	8.60	6
7	16.15	13.70	20.90	27.00	14.40	18.30	15.10	5.20	3.10	3.10	14.00	7.70	7
8	16.10	15.20	20.00	25.90	14.90	19.10	14.30	5.70	2.60	3.00	15.30	6.60	8
9	18.15	17.30	19.70	24.70	15.80	20.00	13.80	6.80	1.95	2.85	15.50	5.75	9
10	22.00	19.40	20.30	23.45	16.50	20.80	13.50	7.40	1.50	2.65	15.45	5.00	10
11	25.95	21.20	21.60	22.10	16.80	21.20	13.45	7.10	1.30	2.35	14.80	4.65	11
12	28.50	22.75	22.85	20.90	16.70	21.20	13.40	6.60	1.30	1.70	13.80	4.50	12
13	30.15	24.10	23.70	20.00	16.65	20.75	13.35	6.20	2.40	1.15	13.05	4.40	13
14	31.40	25.20	24.40	19.00	17.00	19.90	13.25	5.50	4.00	1.05	13.00	4.80	14
15	32.50	26.10	24.60	17.60	17.35	18.65	12.80	4.90	5.25	1.40	13.55	6.20	15
16	33.45	27.40	24.90	16.40	17.80	17.10	12.50	4.60	5.25	1.90	14.05	8.55	16
17	34.35	28.70	24.70	15.15	17.80	15.50	12.00	4.40	4.60	2.00	12.75	10.30	17
18	35.15	29.65	24.30	14.25	17.55	14.15	11.40	4.50	4.60	1.80	13.00	11.60	18
19	35.85	30.30	23.90	13.45	17.80	13.25	11.00	7.10	4.85	2.10	12.30	12.70	19
20	36.55	30.70	23.80	13.05	18.50	12.65	10.50	12.10	4.60	3.00	12.10	13.20	20
21	36.95	31.00	24.10	12.90	19.50	12.50	10.05	15.00	3.90	4.00	12.80	13.50	21
22	37.10	31.20	24.50	12.90	20.70	13.00	9.55	15.70	3.50	5.10	13.00	13.10	22
23	37.05	31.50	24.85	12.90	21.80	14.25	9.50	15.70	3.30	5.80	12.25	12.40	23
24	36.75	31.60	25.30	12.65	22.50	16.15	10.15	15.30	2.90	5.95	11.70	11.25	24
25	36.35	31.55	25.85	12.25	23.10	17.90	11.00	14.40	3.00	6.90	11.10	9.50	25
26	35.65	31.20	26.90	11.70	23.10	19.50	11.30	12.85	3.25	7.05	10.80	8.00	26
27	34.65	30.80	27.35	11.10	23.25	20.75	10.90	11.05	3.30	7.20	10.20	7.30	27
28	33.05	29.95	27.75	10.35	23.50	21.50	9.90	9.50	3.45	7.25	9.75	7.10	28
29	30.30		28.15	9.80	23.40	21.70	8.70	8.10	3.55	6.60	10.00	7.70	29
30	26.70		28.30	9.70	23.05	21.60	7.50	6.55	3.35	5.60	11.00	7.65	30
31	22.95		28.65		22.55		6.60	5.50		5.25		7.60	31
Sum							.						
Mean													
High													
Low													

Remarks: 8:00 a.m. readings:

Highest: 37.10 on 22 Jan.

Lowest: 1.05 on 14 Oct.

Period of record: 10 Nov. 1871 to date.

Highest for period of record: 50.40 on 9 Feb. 1937.

Lowest for period of record: -2.65 on 6-9 Nov. 1895.

RIVER STAGES

Mississippi River Gauge at Memphis, Tenn. for the calendar year 1945

Zero elevation 184.21 feet above MGL
183.91 MSL

Bank full stage feet on gauge AHP Miles 732.7 L

M.P.C.5M.6-8-57

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	13.10	9.55	29.85	39.95	31.95	29.70	31.10	9.50	6.60	15.70	7.25	17.80	1
2	15.45	8.15	30.55	40.20	31.55	29.05	30.30	9.30	5.85	16.95	7.00	17.40	2
3	17.80	6.95	31.05	40.30	31.05	28.25	28.65	9.50	4.85	18.10	7.30	16.70	3
4	20.00	6.45	31.75	40.40	30.45	27.15	26.65	9.70	4.20	19.30	6.55	15.90	4
5	21.80	6.25	32.20	40.45	29.85	26.05	24.80	10.05	3.70	19.85	5.70	14.80	5
6	23.10	5.95	32.65	40.45	29.25	24.95	23.40	10.50	3.55	19.85	5.55	13.80	6
7	24.40	5.40	33.15	40.45	28.55	24.05	22.60	10.55	4.10	19.70	5.95	13.10	7
8	25.00	5.05	33.70	40.45	27.55	22.90	22.10	10.30	4.20	19.40	6.25	12.60	8
9	25.35	4.60	34.40	40.25	26.15	22.05	21.55	10.20	4.20	18.90	6.65	13.00	9
10	25.40	4.40	35.35	39.95	25.15	21.90	20.70	10.60	4.00	17.85	7.30	13.85	10
11	25.40	4.75	36.30	39.45	24.25	22.50	19.10	10.80	4.00	16.70	7.95	14.80	11
12	25.00	5.15	37.15	38.95	23.65	23.85	17.80	10.10	4.00	15.50	8.50	15.20	12
13	24.70	5.65	37.90	38.25	24.00	25.25	16.90	9.40	4.60	14.70	9.30	15.10	13
14	24.30	5.85	38.30	37.55	24.40	26.25	16.40	9.70	5.00	14.20	9.70	15.10	14
15	23.70	6.40	38.70	36.65	24.65	27.25	15.80	9.95	5.10	13.75	9.65	15.20	15
16	22.85	7.75	38.85	35.75	24.65	27.95	14.90	10.10	5.20	13.25	10.10	15.10	16
17	21.75	9.70	38.85	35.15	24.40	28.85	14.10	10.10	5.30	12.50	10.90	14.35	17
18	20.60	11.55	38.95	34.60	24.30	29.65	13.50	10.10	5.75	11.50	11.50	14.45	18
19	19.60	13.10	38.95	34.25	24.75	30.05	13.00	9.90	5.75	9.80	12.30	15.35	19
20	18.55	15.55	39.35	33.95	25.35	30.55	12.60	9.50	5.95	8.10	12.70	15.50	20
21	17.75	18.70	39.45	33.75	25.95	30.75	12.40	9.50	6.20	7.15	12.60	15.20	21
22	17.10	21.35	39.55	33.65	26.65	30.95	12.30	9.60	6.15	6.80	12.45	14.30	22
23	16.60	23.30	39.55	33.55	27.30	31.15	12.10	9.50	5.90	6.40	12.45	13.15	23
24	16.25	25.00	39.65	33.35	28.00	31.25	11.40	9.00	6.00	6.30	12.80	11.80	24
25	16.05	26.15	39.85	33.25	28.65	31.45	10.70	8.50	6.40	6.70	13.80	10.30	25
26	15.60	27.15	40.05	33.15	29.25	31.55	10.45	7.80	6.95	6.95	15.20	8.90	26
27	15.00	27.95	40.15	32.95	29.80	31.65	10.45	7.50	8.45	6.75	16.45	8.80	27
28	14.05	29.05	40.05	32.95	30.15	31.75	10.70	7.70	10.95	6.55	17.05	9.45	28
29	12.90		39.95	32.80	30.30	31.65	10.80	7.80	12.80	6.60	17.50	10.60	29
30	11.80		39.75	32.45	30.35	31.50	10.60	7.35	14.10	7.15	17.90	11.95	30
31	10.70		39.95		30.10		10.10	6.75		7.35		14.00	31
Sum													
Mean	Note:	Time basis Central War Time during the interim 2:00 a.m., 9 February 1942 to 2:00 a.m., 30 September 1945. To convert War Time to Standard Time, subtract one hour.											
High													
Low													

Remarks: 8:00 a.m. readings

Highest: 40.45 on 5-8 April

Lowest: 3.55 on 6 Sept.

Period of record: 10 Nov. 1871 to date.

Highest for period of record: 50.40 on 9 Feb. 1937.

Lowest for period of record: -2.65 on 6-9 Nov. 1895.

RIVER STAGES

Mississippi River Gauge at Memphis, Tenn., for the calendar year 1944

Zero Elevation 184.21 feet above M. G. L.
183.91 " " M. S. L.

Bank full stage 34 feet on gauge. AHP Miles 732.7 L

M.R.C.3M.11-26-41.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	3.50	3.05	20.45	30.25	37.45	20.45	18.95	8.45	6.95	4.80	3.85	4.80	1
2	3.70	3.35	21.90	30.55	37.70	20.95	19.15	7.95	7.85	5.20	2.80	5.25	2
3	3.85	3.65	23.55	30.95	37.90	21.40	19.25	8.00	9.35	5.25	2.55	5.50	3
4	4.15	4.20	24.95	31.35	38.05	22.00	19.05	8.15	11.05	6.25	2.50	5.55	4
5	4.60	4.90	25.85	31.65	38.15	22.50	18.55	8.35	12.45	7.65	2.40	5.55	5
6	5.00	5.45	26.45	31.95	38.00	22.70	18.00	8.00	12.85	8.55	2.25	5.70	6
7	5.85	5.55	26.95	32.15	37.85	22.60	17.35	7.15	12.05	9.05	2.15	5.95	7
8	7.45	5.65	27.35	32.35	37.75	22.30	16.90	6.15	11.35	9.30	2.30	5.55	8
9	8.55	6.55	27.75	32.55	37.45	21.80	16.60	5.65	11.15	9.40	2.55	4.90	9
10	9.00	5.70	28.10	32.55	37.45	21.05	16.30	5.40	10.35	9.60	2.60	4.50	10
11	9.05	4.70	28.40	32.15	37.35	20.05	15.90	5.75	9.55	9.70	2.95	4.50	11
12	8.95	4.45	28.55	31.15	37.20	19.15	15.60	6.05	8.55	9.45	3.60	5.05	12
13	9.05	5.15	28.60	29.80	37.00	18.30	15.40	6.25	7.30	8.85	3.90	6.85	13
14	9.25	7.15	28.55	28.85	36.60	17.75	15.10	6.85	6.80	8.25	3.90	8.20	14
15	9.30	8.75	28.45	28.85	36.15	17.10	14.70	6.65	6.60	7.65	3.80	8.85	15
16	8.60	9.20	28.25	29.45	35.50	16.45	14.40	6.20	5.95	7.00	3.60	8.75	16
17	6.45	9.25	27.95	30.20	34.75	16.25	14.05	5.65	5.25	6.10	3.40	8.15	17
18	4.35	9.55	27.45	31.00	33.95	16.30	13.25	5.45	4.80	5.60	3.10	7.60	18
19	3.65	8.95	26.75	31.90	33.05	16.40	12.50	5.15	4.00	5.55	3.00	6.95	19
20	3.60	9.15	26.05	32.75	31.75	16.55	12.05	4.95	3.50	4.90	2.90	6.35	20
21	3.80	10.10	25.60	33.50	29.95	16.55	11.60	5.40	3.30	4.15	2.90	5.05	21
22	3.90	11.85	25.75	34.25	27.75	16.60	11.15	5.85	3.20	3.60	3.60	4.05	22
23	3.80	13.70	26.50	35.05	25.40	16.75	10.85	5.95	3.10	2.90	3.90	3.95	23
24	3.80	14.80	27.45	35.70	23.25	16.60	10.60	5.85	2.70	2.50	4.10	4.25	24
25	3.90	15.70	28.35	36.00	21.55	16.45	10.15	5.75	2.50	3.30	4.45	4.85	25
26	4.00	16.60	28.95	36.30	20.55	16.70	10.00	6.15	2.90	3.90	4.80	5.70	26
27	4.00	17.55	29.55	36.75	19.95	17.35	10.05	6.60	3.30	4.40	5.00	5.90	27
28	3.80	18.60	29.85	36.95	19.55	17.80	9.85	6.35	3.70	4.70	5.25	6.60	28
29	3.45	19.65	30.10	37.05	19.45	18.25	9.50	5.85	4.00	5.35	5.35	7.35	29
30	3.15		29.95	37.25	19.70	18.60	9.20	5.95	4.35	5.45	4.90	8.30	30
31	3.00		30.05		20.00		8.90	6.55		4.90		9.95	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 a.m. readings (Central War Time).

Highest: 38.15 on 5 May.

Lowest: 2.10 at 4:00 p.m. on 7 Nov.

Period of record: 10 Nov. 1871 to date.

Highest for period of record: 50.40 on 9 Feb. 1937.

Lowest for period of record: -2.65 on 6-9 Nov. 1895.

RIVER STAGES

MISSISSIPPI

River Gauge at MEMPHIS, TENN.

for the calendar year 1943

Zero elevation 184.21 feet above M. G. L.

183.91 " " M. S. L.

Bank full stage 34 feet on gauge A. H. P. MILES 732.7 L

M.R.C.5M.5-0-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	23.60	15.45	13.90	35.35	28.95	37.55	24.75	11.65	6.10	3.40	3.40	3.50	1
2	26.45	15.40	13.30	35.70	29.25	38.05	24.85	11.75	6.35	3.15	3.05	3.10	2
3	28.30	15.35	13.25	35.95	29.55	38.45	24.85	12.05	6.70	2.80	3.10	2.85	3
4	29.55	15.50	13.40	36.10	29.55	38.76	24.80	12.65	6.80	2.70	3.35	2.70	4
5	30.65	16.05	13.80	36.15	29.20	38.76	24.30	13.05	6.55	2.40	3.40	2.55	5
6	31.45	16.95	14.30	36.05	28.45	38.60	23.65	13.15	6.15	2.30	3.60	2.50	6
7	32.20	17.95	14.50	35.60	27.20	38.20	22.55	13.25	6.05	2.40	3.80	2.50	7
8	32.65	19.25	14.35	34.95	25.15	37.35	21.45	13.30	5.95	2.20	3.40	2.60	8
9	33.00	20.75	14.00	33.75	22.95	36.50	20.45	13.20	6.35	2.20	3.40	2.75	9
10	33.35	22.25	13.45	31.75	20.85	35.25	19.70	12.85	6.40	2.30	4.00	2.60	10
11	33.55	23.35	13.10	29.15	19.65	33.75	19.15	12.75	6.00	2.35	4.25	2.45	11
12	33.85	24.25	12.75	26.85	19.05	32.25	18.95	13.20	5.75	2.25	4.25	2.40	12
13	34.05	24.95	13.25	24.40	20.15	30.95	19.00	14.10	5.45	2.10	4.80	2.40	13
14	34.15	25.25	14.20	22.30	22.25	29.85	19.00	14.45	5.30	2.05	5.25	2.40	14
15	34.25	25.25	15.75	20.75	23.65	29.05	18.95	14.00	5.35	2.10	5.75	2.65	15
16	34.25	25.15	18.25	19.95	24.75	28.45	18.75	12.15	5.90	2.00	6.25	3.00	16
17	33.95	24.85	20.45	19.95	25.75	27.95	18.45	10.35	6.30	2.05	6.40	3.20	17
18	33.45	24.60	21.95	20.20	26.65	27.55	18.15	9.75	5.85	1.90	6.20	3.30	18
19	32.55	24.10	23.55	20.65	27.35	27.30	17.80	9.95	5.65	1.80	5.55	3.30	19
20	30.75	23.55	24.85	20.95	28.15	26.95	17.35	10.35	5.50	2.40	5.15	3.10	20
21	28.05	22.85	26.25	21.10	28.85	26.75	16.95	10.50	5.30	2.90	5.30	2.60	21
22	24.45	22.05	27.65	21.40	29.65	26.45	16.75	10.60	5.05	2.70	5.35	2.10	22
23	20.45	21.05	28.85	22.15	30.45	26.25	16.60	10.55	4.90	2.20	5.15	1.80	23
24	17.15	19.90	29.95	22.95	31.40	26.10	16.05	10.05	4.90	2.00	4.80	1.50	24
25	14.95	18.55	30.85	23.90	32.15	26.05	15.05	9.40	5.35	2.00	4.40	1.30	25
26	14.10	17.30	31.85	25.05	32.85	26.05	14.05	8.45	5.55	2.45	4.20	1.10	26
27	13.80	16.05	32.95	26.25	33.60	25.85	13.35	7.40	5.25	3.00	4.10	0.95	27
28	14.00	14.85	33.25	27.25	34.40	25.55	12.55	6.75	4.95	3.20	3.90	1.00	28
29	14.40		33.85	27.95	35.15	25.25	12.35	6.40	4.50	3.30	3.60	1.15	29
30	14.85		34.40	28.55	35.95	24.90	12.00	6.05	3.95	3.85	3.60	1.60	30
31	15.20		34.95		36.75		11.75	5.95		4.00		2.70	31
Sum													
Mean		'											
High													
Low													

Remarks: 8:00 A. M. READINGS. (CENTRAL WAR TIME)

HIGHEST: 38.76 ON 4-5 JUNE.

LOWEST: 0.90 AT 4:00 P.M. ON 27 DEC.

PERIOD OF RECORD: 10 NOV. 1871 TO DATE.

HIGHEST FOR PERIOD OF RECORD: 50.40 ON 9 FEB. 1937.

LOWEST FOR PERIOD OF RECORD: -2.65 ON 6-9 NOV. 1895.

RIVER STAGES

Mississippi River Gauge at Memphis, Tenn.

for the calendar year 1942

Zero elevation 184.21 feet above M.G.L.

Bank full stage 34 feet on gauge A.H.P. Miles 732.7 L

M.P.C.5M.6-8-67

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	14.95	11.20	23.85	29.85	14.40	19.25	25.50	9.60	12.65	8.85	5.90	18.75	1
2	15.50	10.75	23.80	29.00	12.05	20.10	25.90	8.85	12.90	8.90	6.40	18.95	2
3	15.65	10.90	23.25	27.90	10.70	20.45	26.20	8.10	12.80	9.15	6.70	18.60	3
4	15.80	11.50	22.10	26.65	10.05	20.05	26.40	7.65	12.15	9.40	7.30	18.05	4
5	15.85	11.85	20.55	25.35	9.75	19.50	26.30	7.95	10.35	9.75	8.15	17.35	5
6	15.85	12.05	18.75	23.95	9.95	18.35	26.25	8.15	8.65	10.05	8.95	16.95	6
7	15.50	11.75	16.95	22.55	10.30	16.35	25.95	8.95	7.75	10.50	9.30	16.55	7
8	14.80	11.55	15.70	21.20	10.50	14.10	25.50	9.60	7.15	10.65	9.45	16.40	8
9	13.95	12.50	15.15	20.70	10.75	12.65	24.85	10.15	7.00	10.15	9.65	16.45	9
10	12.75	14.70	14.65	20.55	11.55	12.25	24.00	11.15	7.20	9.65	10.05	16.90	10
11	11.45	17.25	14.90	21.50	12.50	12.35	23.10	12.40	7.30	9.50	10.45	17.65	11
12	10.30	19.55	15.75	23.50	13.70	12.95	22.55	13.15	7.55	9.65	10.75	18.15	12
13	9.10	21.25	16.75	25.35	14.60	13.70	22.15	13.50	8.20	9.90	10.95	18.15	13
14	8.05	22.35	17.55	27.10	15.05	14.40	21.80	13.70	9.25	10.05	11.05	17.75	14
15	6.75	22.70	18.25	28.45	15.05	14.95	21.45	13.80	10.30	9.70	11.25	17.00	15
16	5.15	22.60	19.45	29.45	14.75	16.05	21.10	13.85	10.75	8.95	11.65	16.20	16
17	3.35	22.50	21.15	30.15	14.45	16.90	20.65	13.85	10.95	8.25	11.85	15.15	17
18	2.05	22.15	23.45	30.45	14.55	17.75	20.05	13.75	10.65	7.65	11.75	14.10	18
19	2.10	22.15	24.95	30.60	15.20	18.45	19.65	13.65	10.05	7.50	11.65	12.95	19
20	3.05	22.55	26.15	30.50	16.50	19.15	19.35	13.35	9.35	7.70	11.65	11.95	20
21	3.95	23.10	27.25	30.20	17.35	19.65	18.95	12.75	8.70	7.95	11.65	11.05	21
22	4.45	23.70	28.15	29.75	17.90	19.95	18.15	11.40	8.80	8.05	11.75	10.45	22
23	5.30	24.10	28.95	29.35	18.45	20.10	16.30	10.05	9.15	8.30	11.75	10.25	23
24	6.00	24.30	29.60	28.50	19.00	20.65	14.35	9.55	9.45	8.35	11.85	10.35	24
25	6.70	24.00	30.05	27.55	19.35	21.55	13.35	10.25	9.55	8.15	12.35	10.55	25
26	7.40	23.85	30.55	26.15	19.55	22.45	12.85	11.50	9.75	7.95	13.30	10.65	26
27	8.95	23.85	30.85	24.25	19.40	23.30	12.55	11.95	9.90	7.70	14.55	10.95	27
28	9.75	23.85	30.95	22.10	19.00	23.90	12.25	11.85	9.65	7.50	16.05	11.90	28
29	9.85		30.95	19.65	18.50	24.50	11.85	11.85	9.20	6.95	17.40	12.75	29
30	10.15		30.80	17.05	18.20	25.00	11.35	12.05	8.95	5.90	18.15	14.95	30
31	10.95		30.45		18.45		10.50	12.35		5.65		19.15	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 a.m. readings.

Highest: 30.96 on Mar. 27-29.

Lowest: 2.05 at 4:00 p.m., Jan. 18.

Period of record: Nov. 10, 1871 to date.

Highest for period of record: 50.40 on Feb. 9, 1937.

Lowest for period of record: -2.65 on Nov. 6-9-1895.

RIVER STAGES

Mississippi River Gauge at Memphis, Tenn. for the calendar year 1941

Zero elevation 184.21 feet above M.G.L.

Bank full stage 34 feet on gauge

M.R.C.5M.5-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	7.75	12.60	4.85	9.85	19.60	3.00	9.60	4.45	3.10	7.20	15.80	11.00	1
2	6.75	13.70	4.90	9.95	18.50	2.90	8.85	4.10	3.60	6.90	15.90	10.85	2
3	6.80	14.55	4.85	10.35	17.35	2.80	8.45	3.80	3.60	6.35	16.25	10.50	3
4	7.55	14.85	4.50	10.60	16.20	3.00	8.15	4.15	3.30	5.70	16.95	10.00	4
5	8.05	14.70	4.00	10.45	14.80	3.55	7.75	4.55	3.15	5.30	18.00	9.25	5
6	8.90	14.25	3.60	10.25	13.60	4.30	8.35	4.55	3.10	5.35	18.90	8.55	6
7	10.20	13.70	3.35	10.20	12.80	5.55	9.65	3.70	2.80	5.85	19.50	8.05	7
8	12.10	12.95	3.35	10.40	12.00	6.95	10.75	2.90	3.25	6.65	19.85	7.65	8
9	13.60	12.05	3.40	11.10	11.35	8.25	11.85	2.70	4.15	8.70	20.15	7.35	9
10	14.35	11.20	3.55	12.40	10.85	9.50	12.60	1.90	4.85	11.85	20.50	7.10	10
11	14.45	10.25	3.95	13.90	10.30	10.75	12.75	1.45	5.25	14.35	20.90	6.85	11
12	14.10	8.95	4.60	15.35	9.95	11.45	12.80	1.10	5.00	15.95	21.25	6.45	12
13	13.40	7.60	5.30	16.45	9.75	12.60	12.90	0.80	4.70	16.50	21.40	6.40	13
14	12.60	6.50	6.15	16.95	9.65	14.20	13.10	0.55	4.75	16.65	21.10	6.40	14
15	11.70	5.75	7.15	17.30	9.35	16.00	13.40	0.35	4.85	16.65	20.35	6.35	15
16	10.80	5.45	7.90	17.50	8.85	17.90	13.70	0.40	5.65	16.75	19.20	5.90	16
17	9.50	4.85	8.60	17.60	8.35	19.45	13.90	0.80	7.25	16.95	17.80	5.50	17
18	8.30	4.60	9.45	17.40	7.80	20.35	13.90	0.80	8.35	17.75	16.20	5.85	18
19	6.20	5.20	10.20	17.05	6.95	20.55	13.50	1.35	8.40	17.90	14.75	6.35	19
20	4.90	5.65	11.10	16.85	6.55	20.20	11.75	2.25	8.15	17.70	13.70	6.75	20
21	4.85	5.85	11.90	16.50	6.75	19.65	9.75	2.50	7.75	17.20	12.75	6.85	21
22	5.55	6.25	12.50	16.70	7.20	19.15	9.20	3.10	7.45	16.50	11.70	6.85	22
23	6.35	6.95	12.75	17.65	7.50	18.90	9.30	3.20	7.35	15.60	11.00	6.70	23
24	7.40	7.70	12.65	18.65	7.55	18.70	9.10	2.65	7.30	14.75	10.30	6.05	24
25	8.60	8.10	12.25	19.50	6.85	18.35	9.00	2.45	7.65	14.00	9.85	5.95	25
26	8.95	7.85	11.70	20.35	5.85	17.70	9.20	2.30	8.05	13.45	9.75	6.60	26
27	9.25	6.55	11.05	20.95	4.70	16.70	9.55	1.80	8.20	13.70	10.10	7.25	27
28	10.00	5.40	10.15	21.12	4.20	15.45	9.65	1.30	8.05	14.10	10.60	8.15	28
29	10.75		9.45	21.00	3.95	13.40	8.35	1.00	7.65	14.55	10.95	10.15	29
30	11.25		9.35	20.50	3.50	11.15	6.10	1.30	7.40	14.95	11.00	12.20	30
31	11.75		9.65		3.15			4.90	1.95		15.45		13.70
Sum													
Mean													
High													
Low													

Remarks: 8:00 a.m. readings.

Highest: 21.12 on April 28, and 21.42 on Nov. 13.

Lowest: 0.30 on Aug. 15, 4:00 p.m.

Period of record: Nov. 10, 1871 to date.

Highest for period of record: 50.40 on Feb. 9, 1937.

Lowest for period of record: -2.65 on Nov. 6-9, 1895.

RIVER STAGES

Mississippi River Gauge at Memphis, Tenn. for the calendar year 1940

Zero elevation 184.21 feet above M.G.L.

Bank full stage feet on gauge

M.R.C.5M.5-8-37

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	2.70	-0.20	19.55	13.30	31.05	10.65	12.65	3.90	5.85	1.40	-0.45	3.45	1
2	1.65	0.10	18.45	13.45	31.40	10.80	13.00	3.60	6.15	1.75	-0.75	3.95	2
3	1.25	0.25	17.35	13.95	31.70	11.10	13.00	3.25	6.45	2.00	-0.75	4.70	3
4	1.40	1.35	16.30	14.60	31.95	11.60	12.75	3.05	7.30	1.85	-0.30	5.30	4
5	1.00	1.60	15.55	15.10	32.25	12.05	12.20	3.05	8.25	1.25	0.20	5.50	5
6	-0.45	2.00	15.35	15.75	32.45	12.40	12.00	3.00	9.30	0.80	0.65	5.40	6
7	-0.10	2.45	15.65	17.00	32.50	12.70	12.15	2.80	10.15	0.65	1.60	5.65	7
8	-0.60	1.80	16.85	18.50	32.45	13.10	12.30	3.00	10.10	0.30	2.25	5.80	8
9	-0.99	1.65	18.65	20.00	32.05	13.40	12.10	3.50	9.4	-0.25	2.45	5.70	9
10	-0.40	2.20	20.50	21.20	31.15	13.75	11.60	3.95	8.7	-0.05	2.30	4.90	10
11	0.35	2.05	21.90	22.25	29.45	14.00	11.00	4.30	7.6	-0.15	2.20	3.60	11
12	0.90	1.80	22.65	22.90	26.85	14.05	10.50	4.50	6.2	-0.30	1.60	3.20	12
13	1.00	1.95	23.00	23.00	23.55	13.75	10.45	4.35	5.3	-0.25	1.25	3.30	13
14	1.40	2.75	23.10	23.05	20.20	13.25	10.55	3.75	4.75	-0.35	1.65	3.60	14
15	1.20	4.90	23.25	22.95	17.35	12.70	10.40	3.20	4.30	-0.35	2.00	3.70	15
16	0.65	6.95	23.65	22.50	15.15	12.50	9.25	2.90	3.65	-0.45	2.00	4.90	16
17	0.65	8.70	24.00	22.00	13.55	12.90	7.80	2.85	3.15	-0.55	1.75	5.40	17
18	1.25	10.75	24.15	21.80	11.90	13.30	7.40	2.70	3.20	-0.60	1.60	5.50	18
19	1.60	12.25	24.00	21.90	10.50	13.40	7.50	3.45	2.90	-0.60	1.80	5.70	19
20	2.40	13.70	23.25	22.10	9.60	13.15	7.80	5.15	2.45	-0.65	2.05	6.05	20
21	2.95	15.30	22.15	22.55	8.95	13.00	8.10	6.75	1.90	-0.55	2.00	6.60	21
22	3.60	16.90	20.85	23.75	8.45	12.90	8.35	7.95	1.40	-0.65	2.05	7.50	22
23	3.75	18.35	19.45	25.50	8.30	12.80	8.15	9.25	1.10	-0.70	1.75	7.75	23
24	3.40	19.55	18.25	27.00	8.20	12.65	7.30	10.40	0.95	-0.60	1.65	7.75	24
25	3.15	20.40	17.25	28.05	8.20	12.55	6.50	11.05	1.25	-0.75	1.50	7.75	25
26	2.85	20.85	16.25	28.85	8.30	12.25	5.80	10.40	0.70	-0.95	1.40	8.55	26
27	2.10	21.10	15.20	29.40	8.65	11.85	5.00	8.60	0.60	-1.10	1.90	9.05	27
28	-0.35	20.95	14.30	29.85	9.25	11.40	4.45	7.10	0.80	-0.95	2.50	9.25	28
29	-0.95	20.40	13.75	30.30	9.65	11.35	4.00	6.40	1.20	-0.75	2.60	9.20	29
30	-0.35	-	13.45	30.65	9.90	11.85	4.15	5.95	1.35	-0.90	2.90	9.05	30
31	-0.20	-	13.35	-	10.40	-	4.15	5.65	-	-0.70	8.70	-	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings

Highest 32.56 @ 4 p.m., May 7.

Lowest -0.99 Jan. 9.

" -1.10 Oct. 27.

Gage affected by ice floes and jams from Jan. 9 to Feb. 12, 1940.

RIVER STAGES

Mississippi River Gauge at Memphis, Tenn., for the calendar year 1939

Zero elevation 184.21 feet above M. G. L.

Bank full stage feet on gauge

M.R.C.5M.5-6-27

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	6.30	12.70	38.80	33.20	38.10	11.60	20.35	10.15	6.20	0.60	1.20	0.65	1
2	7.40	15.30	38.70	31.05	38.00	11.65	19.90	10.15	5.45	0.50	1.85	0.50	2
3	8.50	18.60	38.40	29.35	37.80	11.95	19.70	10.15	5.00	0.40	2.30	0.30	3
4	9.15	21.45	38.20	28.30	37.50	12.10	19.30	9.90	4.50	0.30	2.40	0.30	4
5	9.90	23.85	38.00	27.80	37.15	11.95	18.50	9.60	3.85	0.60	2.50	0.15	5
6	8.65	25.65	37.65	27.85	36.60	11.95	17.60	9.50	3.60	0.80	2.60	0.15	6
7	7.15	26.95	37.30	27.65	35.70	12.20	16.80	9.70	3.30	0.35	2.10	0.30	7
8	7.40	28.05	37.10	27.95	34.15	12.60	16.10	10.00	3.15	-0.10	1.35	0.40	8
9	8.70	29.20	36.85	28.35	31.65	12.90	15.65	9.75	2.95	-0.30	+0.90	0.50	9
10	9.80	30.20	36.80	28.95	28.35	13.10	15.45	8.55	2.50	-0.40	0.70	0.55	10
11	10.30	30.90	36.90	29.80	24.90	13.20	15.25	7.75	2.10	-0.45	0.70	0.55	11
12	10.70	31.60	36.90	30.45	22.00	13.10	15.00	7.25	1.95	-0.40	0.60	0.80	12
13	11.25	32.15	36.75	30.90	19.75	13.25	15.00	7.05	1.90	-0.40	0.50	1.45	13
14	11.15	32.70	36.70	31.05	18.45	13.40	15.45	7.40	1.80	-0.15	0.35	1.60	14
15	11.15	33.50	36.70	31.15	17.90	13.55	15.95	7.35	1.65	0.00	0.20	1.50	15
16	11.15	34.20	36.80	31.35	17.10	13.95	16.10	7.50	1.55	0.30	0.10	1.35	16
17	11.75	34.80	37.00	31.80	16.10	14.00	15.75	8.60	1.45	0.35	0.30	1.35	17
18	13.30	35.35	37.25	32.15	15.35	14.10	14.90	9.45	1.50	0.05	0.60	1.45	18
19	14.65	35.90	37.55	32.40	14.75	14.30	12.75	9.70	1.35	-0.20	0.65	1.60	19
20	15.50	36.60	37.95	32.70	14.10	14.20	10.45	9.20	1.35	-0.30	0.60	1.70	20
21	15.70	37.00	38.25	33.15	13.40	13.70	9.30	8.15	1.70	-0.40	0.60	1.75	21
22	15.85	37.40	38.50	33.60	13.35	14.35	8.95	8.25	1.95	-0.40	0.70	1.70	22
23	15.85	37.60	38.70	34.15	13.05	15.75	8.70	9.70	1.75	-0.45	0.75	1.85	23
24	15.65	37.90	38.70	34.75	12.80	17.25	8.80	10.60	1.65	-0.50	0.75	1.95	24
25	14.80	38.20	38.65	35.40	12.80	18.50	8.90	10.30	1.50	-0.55	0.75	1.95	25
26	13.90	38.45	38.45	36.00	12.50	19.45	9.20	9.30	1.30	-0.60	0.75	2.40	26
27	12.90	38.65	38.10	36.85	12.20	20.10	9.50	8.10	1.05	-0.65	0.80	3.15	27
28	12.00	38.80	37.60	37.50	12.00	20.55	9.80	7.50	0.90	-0.65	0.85	3.25	28
29	11.45		37.10	37.85	11.95	20.75	9.95	7.40	0.80	-0.50	0.85	3.25	29
30	11.90		36.40	38.05	11.85	20.65	10.10	7.35	0.75	-0.05	0.75	3.45	30
31	11.80		35.10		11.75		10.30	6.95		0.45		3.30	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A.M. Readings.

Inspected June 30, Oct. 7, 1939.

Highest reading, 38.80 on Feb. 28 and March 1, 1939.

Lowest reading, -0.65 on Oct. 27 and 28, 1939.

RIVER STAGES

Mississippi River Gauge at Memphis, Tenn. for the calendar year 1938

Zero Elevation 184.21 feet above M. G. L.

Bank full stage feet on gauge.

M.R.C.3M.11-28-41.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	19.70	21.00	25.70	30.30	27.05	28.60	19.50	18.40	8.30	12.40	2.80	10.60	1
2	19.85	21.90	25.25	30.60	25.55	29.35	19.50	18.55	7.80**	12.55	2.90	8.80	2
3	19.55	22.50	24.90	31.10	24.00	29.80	19.20	19.15	7.60	12.45	3.20	7.15	3
4	18.85	22.90	24.40	31.65	22.30	30.00	18.90	19.70	7.50	12.40	3.10	6.45	4
5	17.95	23.15	24.00	32.15	20.70	30.00	18.60	19.85	7.60	12.50	2.80	6.15	5
6	17.05	23.50	23.60	32.55	19.10	29.75	18.40	19.65	7.75	12.45	2.50	5.90	6
7	16.10	23.55	22.90	32.85	17.85	29.25	18.35	19.60	7.45	12.25	2.50	5.80	7
8	15.30	23.30	22.15	33.15	16.75	28.65	18.35	19.60	7.00	11.90	2.50	5.80	8
9	14.70	22.60	21.65	33.20	15.55	27.75	18.35	19.80	6.15	11.35	2.50	6.20	9
10	14.15	21.50	21.70	32.85	14.20	26.70	18.20	19.95	5.80	10.70	2.90	6.95	10
11	13.65	20.15	21.90	32.30	13.50	25.40	18.20	20.10	5.50	9.95	3.60	7.15	11
12	13.20	18.65	22.50	31.95	13.45	23.90	18.35	20.20	5.15	9.30	4.10	7.25	12
13	12.75	17.40	23.35	31.90	13.95	22.40	18.50	20.15	4.95	8.70	4.90	7.35	13
14	12.30	16.40	24.30	32.10	14.60	21.80	18.45	19.95	5.60	7.80	5.55	7.20	14
15	11.80	16.05	25.35	32.35	14.55	22.00	18.20	19.60	6.90	6.70	5.65	7.00	15
16	11.10	16.20	26.60	32.65	14.25	22.55	17.95	19.00	8.00	5.70	5.85	7.00	16
17	9.90	16.75	27.50	33.00	13.95	22.95	17.85	18.00	8.60	5.00	6.50	7.00	17
18	7.90	18.25	28.25	33.25	13.80	22.90	17.80	16.80*	9.30	4.70	6.80	7.00	18
19	6.50	19.80	29.10	33.50	13.90	22.70	18.00	15.75	10.05	4.45	6.75	6.70	19
20	6.25	21.15	29.60	33.65	14.10	21.95	18.10	14.75	10.70	4.35	6.60	6.40	20
21	6.60	22.80	29.95	33.65	14.30	21.20	18.50	13.90	11.15	4.20	7.05	5.85	21
22	7.60	24.10	30.15	33.70	14.20	20.75	19.25	13.00	11.60	4.00	8.00	5.50	22
23	7.55	25.00	30.15	33.50	14.35	20.50	20.10	11.55	11.90	3.85	8.95	5.00	23
24	8.15	25.70	30.00	33.05	15.25	20.35	20.50	10.10	11.70	3.75	10.50	4.50	24
25	9.85	26.20	29.80	32.60	16.00	20.05	20.55	9.80	11.65	3.75	11.70	4.20	25
26	12.10	26.40	29.65	32.00	17.40	19.70	19.95	9.55	12.00	3.65	12.20	3.70	26
27	14.20	26.25	29.60	31.30	19.25	19.30	19.10	9.40	11.95	3.40	12.35	3.25	27
28	16.05	25.95	29.60	30.50	21.80	19.00	18.60	9.30	11.80	3.20	12.40	3.35	28
29	17.50	-	29.90	29.50	24.20	18.90	18.65	9.05	11.80	3.20	12.20	3.85	29
30	18.65	-	30.10	28.45	26.20	19.15	18.75	8.70	12.15	2.95	11.70	4.50	30
31	20.05	-	30.15	-	27.70	-	18.55	8.55	-9	2.80	-	5.40	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A. M. Readings.

*Reading obtained by discharge party.

**Reading obtained by special slope gage party.

Gage inspected: June 3 and Sept. 28.

RIVER STAGES

Mississippi

River Gauge at

Memphis, Tenn.

for the calendar year 1937

Zero Elevation 184.21 feet above M. G. L.

Bank full stage..... feet on gauge.

M.R.C.3M.11-23-41.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	9.90	47.80	35.45	20.35	23.10	17.60	16.60	9.30	8.50	2.40	8.95	3.35	1
2	11.40	48.40	34.10	20.50	23.60	17.00	17.25	9.20	8.70	2.30	8.95	3.55	2
3	12.90	48.70	32.70	20.35	24.60	16.50	18.00	8.90	8.90	2.55	9.05	4.10	3
4	14.50	49.10	31.10	20.10	26.00	16.00	18.45	8.40	8.90	2.20	9.10	4.85	4
5	16.20	49.50	29.50	19.75	27.70	15.90	18.85	8.00	8.75	2.30	9.35	5.40	5
6	18.80	49.80	27.80	18.95	29.10	15.80	18.70	7.65	7.65	2.60	10.00	5.50	6
7	21.40	49.90	26.10	18.25	30.30	15.85	18.25	7.50	5.80	3.00	11.10	5.25	7
8	23.40	50.10	24.40	17.75	31.30	16.15	17.65	7.30	5.85	3.70	12.20	4.80	8
9	25.10	50.30	23.00	17.30	32.20	16.65	16.35	7.20	6.75	4.20	13.10	4.45	9
10	26.70	50.30	21.70	16.80	33.00	17.20	14.65	7.20	7.10	4.20	13.45	4.15	10
11	28.00	50.10	21.00	16.30	33.65	17.50	13.40	7.30	7.30	4.45	13.10	3.60	11
12	29.10	50.00	20.85	15.90	34.40	17.00	13.00	7.95	7.30	4.85	12.35	2.90	12
13	29.90	49.60	21.20	15.70	35.10	16.50	12.70	8.65	7.10	5.20	11.00	2.75	13
14	30.50	49.30	21.70	15.75	35.55	17.00	12.00	8.45	7.45	5.00	8.35	3.00	14
15	31.20	48.60	22.20	15.95	35.65	18.00	11.40	8.30	7.40	4.20	5.50	2.25	15
16	31.70	48.00	22.50	16.25	35.50	18.85	11.00	8.20	7.10	3.65	4.40	1.20	16
17	32.40	47.30	22.55	16.45	34.95	19.05	11.05	8.10	7.30	3.10	4.40	0.70	17
18	33.30	46.40	22.50	16.65	34.10	18.85	11.15	8.10	6.10	3.10	4.50	1.30	18
19	34.00	45.50	22.30	16.80	33.00	18.55	11.50	8.20	5.05	3.45	4.85	2.70	19
20	34.80	44.55	22.10	16.95	31.75	18.35	12.00	8.25	4.40	3.70	5.10	4.80	20
21	36.00	43.65	21.75	17.05	30.40	18.25	12.85	8.30	4.10	4.25	5.20	7.30	21
22	37.50	42.70	21.45	17.05	28.80	18.15	13.50	7.50	4.00	5.10	5.05	9.30	22
23	39.30	41.70	21.30	17.05	27.00	18.25	13.90	6.80	4.05	5.65	4.70	11.10	23
24	40.90	40.80	21.40	17.65	25.00	18.40	13.90	6.55	4.05	6.15	4.60	12.65	24
25	42.90	39.80	21.50	18.55	23.20	18.35	13.65	6.45	3.50	7.00	4.75	14.20	25
26	44.40	38.70	21.55	19.50	20.90	18.00	13.35	6.50	3.00	7.40	4.70	15.50	26
27	45.30	37.60	21.30	20.55	20.10	17.50	13.00	6.40	2.45	8.00	4.40	16.60	27
28	45.90	36.50	20.85	21.55	19.40	17.10	12.70	6.40	2.60	8.75	4.00	17.70	28
29	46.10		20.45	22.30	18.80	16.65	11.95	7.10	2.50	8.95	3.90	18.40	29
30	46.50		20.25	22.80	18.40	16.35	10.55	7.90	2.50	8.95	3.65	18.95	30
31	47.20		20.20		18.00		9.50	8.20		8.95		19.35	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A. M. Readings

Highest: 50.4, Feb. 9. @ 4:00 a.m.

Lowest: 0.70, Dec. 17

RIVER STAGES

Mississippi River Gauge at Memphis, Tenn., for the calendar year 1936

Zero Elevation 184.21 feet above M. G. L.

Bank full stage feet on gauge.

M.R.C.3M.11-28-41.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	9.4	15.7	23.0	32.4	24.8	10.7	5.4	2.6	1.2	4.3	4.6	4.0	1
2	8.0	14.7	23.5	33.0	22.4	10.1	5.1	3.1	1.2	4.2	5.0	4.0	2
3	6.7	13.7	24.6	33.6	19.8	9.7	5.4	3.3	2.2	4.8	5.4	4.1	3
4	5.6	12.3	25.7	34.2	18.6	9.5	5.6	2.5	2.9	6.6	6.0	3.8	4
5	4.7	11.0	26.4	34.9	17.6	9.4	5.7	1.9	3.0	8.4	6.3	3.3	5
6	4.7	9.8	26.7	35.9	16.9	9.5	5.4	1.6	3.0	8.8	7.8	3.1	6
7	5.2	8.8	27.0	36.6	16.5	9.7	4.8	1.8	2.8	8.1	9.9	3.5	7
8	6.4	9.1	27.0	37.4	16.2	9.4	5.1	1.8	3.1	8.1	12.5	3.6	8
9	8.3	9.6	27.1	38.1	16.5	9.4	6.1	1.5	2.5	7.3	14.9	4.0	9
10	10.5	11.0	27.3	38.6	16.9	9.3	7.7	1.7	2.3	6.8	16.3	4.7	10
11	13.9	12.2	27.5	39.1	17.2	9.1	8.6	1.7	2.3	6.6	16.9	6.2	11
12	17.4	13.1	27.6	39.6	17.1	8.7	8.8	1.5	2.6	6.6	17.2	8.4	12
13	20.2	14.1	27.6	39.9	16.9	8.1	8.0	1.5	2.8	6.6	17.3	9.8	13
14	21.9	15.0	27.5	39.9	16.4	7.8	6.8	2.0	2.4	7.0	17.1	10.8	14
15	23.2	15.7	27.2	40.0	15.9	7.9	5.9	1.7	1.9	7.1	17.0	11.6	15
16	24.0	16.5	26.9	40.1	15.1	8.3	5.5	1.1	1.6	7.2	16.9	12.1	16
17	24.7	17.3	26.2	40.3	14.1	8.1	5.1	0.9	1.5	7.3	16.6	12.3	17
18	25.2	17.1	25.1	40.4	13.2	7.2	4.6	0.8	1.3	7.2	16.1	12.3	18
19	25.5	16.6	24.4	40.4	12.7	7.6	4.0	1.1	1.5	7.0	15.4	12.1	19
20	25.4	15.7	24.2	40.4	13.0	7.5	3.8	1.3	2.0	7.1	14.5	11.6	20
21	25.1	14.7	24.3	40.4	13.0	7.2	4.0	1.3	2.1	7.5	13.0	10.7	21
22	24.3	13.9	24.8	40.4	13.0	6.8	4.1	0.9	2.0	7.9	10.6	9.8	22
23	23.4	13.7	25.7	40.1	12.8	6.6	4.1	0.5	2.2	8.2	8.1	9.0	23
24	21.5	13.7	26.4	39.8	12.6	6.4	4.2	0.1	2.8	8.1	6.8	8.5	24
25	20.0	14.2	27.6	39.4	12.3	6.6	4.5	0.0	3.4	7.9	6.3	7.6	25
26	18.5	14.8	28.4	38.9	12.2	6.6	4.1	0.1	3.9	7.5	5.9	6.6	26
27	17.6	16.5	29.4	37.7	12.1	6.3	3.9	0.1	4.4	6.9	5.5	6.6	27
28	17.1	19.6	29.9	36.0	11.8	6.0	3.7	0.4	4.7	6.2	5.1	7.6	28
29	16.7	21.7	30.7	32.7	11.5	5.8	3.8	0.4	4.7	5.7	4.7	8.4	29
30	16.4	-	31.1	28.6	11.2	5.6	3.4	0.8	4.4	5.0	4.4	8.6	30
31	16.1	-	31.7	-	10.9	-	2.8	1.2	-	4.4	-	9.4	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A. M. Readings corrected.

RIVER STAGES

Mississippi River Gauge at Memphis, Tenn. for the calendar year 1935

Zero Elevation 184.21 feet above M. G. L.

Bank full stage feet on gauge.

M.R.C.3M.11-28-41.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	10.1	29.5*	18.3	37.3	24.1	34.2	31.4	18.0	9.5	3.7	3.9	7.8	1
2	10.2	29.3	17.9	36.9	22.1	34.3	31.3	17.5	9.4	3.3	4.4	8.0	2
3	10.5	28.9	18.3	36.5	20.5	34.1	31.2	17.0	9.1	3.3	4.4	8.2	3
4	11.1	28.1	18.9	36.3	19.0	33.7	30.9	16.7	8.7	3.3	4.5	8.7	4
5	11.7	26.9	19.7	36.3	17.9	33.2	30.4	16.6	8.0	3.3	4.5	9.0	5
6	12.3	25.3	20.2	36.3	18.1	32.2	29.8	16.4	7.3	3.3	4.4	9.3	6
7	12.9	23.2	20.5	36.3	19.2	31.4	29.0	16.0	7.6	3.3	4.2	9.6	7
8	13.2	21.2	20.6	36.4	21.4	30.8	28.0	15.4	8.4	3.0	4.3	9.7	8
9	13.0	18.7	20.7	36.6	23.7	30.4	27.0	14.4	9.1	2.8	4.8	9.3	9
10	12.7	16.5	21.1	36.6	25.5	30.2	26.2	13.5	9.8	3.1	5.1	9.0	10
11	12.2	15.0	21.6	36.7	26.6	30.3	25.6	13.0	11.4	3.1	5.8	8.8	11
12	11.9	13.9	22.8	36.9	27.4	30.5	25.1*	12.8	12.4	2.9	7.1	8.8	12
13	11.1	13.3	25.0	37.1	28.2	30.7	24.4*	12.8	13.7	2.6	8.9	9.1	13
14	10.6	13.3	27.6	37.1	28.7	31.0	23.8*	12.9	14.5	2.5	10.1	9.5	14
15	11.1	13.6	29.4	37.1	29.2	31.2	23.0*	13.5	14.4	2.5	11.0	10.3	15
16	12.3	14.1	30.7	36.8	29.6	31.3	22.4	14.3	13.9	2.4	12.2	10.7	16
17	13.0	14.7	32.1	37.0	29.9	31.6	21.5	15.4	12.9	2.3	13.3	11.5	17
18	13.7	15.6	32.7	37.0	30.2	31.6	20.3	16.3	11.7	2.4	14.3	12.2	18
19	14.7	16.4	33.4	37.1	30.7	31.3	19.0	17.1	9.6	2.3	14.7	12.8	19
20	16.7	17.4	34.1	37.1	31.2	30.9	17.8	17.3	7.6	2.2	15.2	13.3	20
21	19.8	18.2	35.1	36.9	31.7	30.4	15.8	17.4	6.7	2.2	15.7	13.6	21
22	22.6	19.3	36.1	36.7	31.9	29.9	14.6	17.4	6.0	2.2	15.9	14.1	22
23	24.5	20.0	36.8	36.2	32.2	29.5	13.9	17.3	5.5	3.5**	15.9	14.7	23
24	26.3	20.3	37.3	35.5	32.6	29.4	13.7	17.2	5.0	3.3	15.5	15.1	24
25	27.9	20.3	37.8	34.9	32.9	29.5	13.7	17.0	4.8	3.4	15.0	15.3	25
26	28.7	19.9	38.0	33.7	33.2	29.7	13.8	16.5	4.7	3.5	14.3	14.9	26
27	29.1	19.3	38.21	32.1	33.6	29.9	14.2	16.0	5.0	3.5	13.3	14.1	27
28	29.6	18.6	38.21	29.8	33.8	30.3	14.8	15.1	4.9	3.5	11.6	13.8	28
29	29.9		38.1	27.8	34.0	30.7	15.6	13.4	4.5	3.4	9.7	13.1	29
30	29.7		37.9	25.9	34.1	31.1	16.6	11.5	4.0	3.3	8.3	12.2	30
31	29.7		37.7		34.2		17.8	9.9		3.6		10.9	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A. M. Readings corrected to correspond with new bench mark elevations. See inspection dated Oct. 29 and level tie Nov. 16, 1935. Readings on these dates were taken from a temporary section which was destroyed at time of inspection.

*Corrected by U. S. W. B. Readings.

**Reading on U. S. W. B. gage.

RIVER STAGES

Mississippi River Gauge at Memphis, Tenn. for the calendar year 1934

Zero Elevation 184.21 feet above M. G. L.

Bank full stage feet on gauge.

M.R.C.3M.11-23-41.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	14.9	5.4	5.6	25.4	16.0	4.3	4.7	2.4	4.9	2.9	3.0	12.8	1
2	13.7	5.7	8.5	26.3	15.6	4.2	4.7	2.7	4.6	3.4	3.4	13.3	2
3	12.5	5.8	9.8	27.1	14.6	4.2	4.9	2.9	4.5	4.2	3.5	13.6	3
4	11.5	5.8	11.0	27.6	13.5	3.9	4.7	3.5	4.2	5.0	3.7	13.4	4
5	10.8	6.0	12.3	28.1	12.6	3.7	4.7	4.6	3.5	5.7	3.5	13.3	5
6	10.2	6.2	14.3	28.3	11.6	3.5	4.4	5.0	3.0	7.0	3.5	13.8	6
7	9.9	6.0	16.5	28.3	10.3	3.2	4.0	4.5	2.7	8.4	3.9	14.6	7
8	9.5	5.5	18.8	28.2	9.5	2.8	3.7	4.2	2.4	8.8	4.4	15.5	8
9	9.1	5.2	20.6	27.4	8.9	3.2	3.9	4.0	1.9	8.3	5.0	15.5	9
10	8.9	5.0	22.4	26.0	8.6	3.7	4.0	4.0	1.8	7.5	5.6	15.6	10
11	9.9	5.0	24.0	23.9	8.0	4.0	3.9	3.9	1.8	6.2	6.2	15.9	11
12	12.1	5.1	25.3	21.9	7.5	4.3	4.1	3.4	1.8	5.1	6.7	16.1	12
13	14.6	5.1	26.5	19.6	7.0	5.0	3.9	2.4	1.6	4.8	6.9	16.0	13
14	16.6	5.0	27.4	18.0	6.7	5.6	3.6	2.4	1.8	4.5	7.0	15.1	14
15	18.2	5.0	28.3	16.7	6.3	6.1	3.4	3.0	2.5	4.3	6.8	13.4	15
16	19.2	5.0	28.8	16.0	6.2	6.2	3.5	3.9	3.1	4.0	6.2	11.4	16
17	19.7	4.4	29.4	15.7	6.1	6.4	4.1	4.6	3.3	4.3	5.5	9.7	17
18	19.4	4.1	29.8	15.6	6.2	6.6	4.9	5.1	3.3	4.7	4.9	8.4	18
19	18.5	3.5	29.98	15.7	6.6	6.4	5.3	5.5	3.8	4.5	4.4	7.9	19
20	17.3	3.0	29.7	15.9	6.9	6.2	5.6	5.8	5.0	4.3	3.9	7.3	20
21	15.9	2.6	28.8	15.8	6.6	6.9	5.6	5.6	5.7	4.0	5.0	6.9	21
22	14.5	2.5	27.0	15.7	6.5	7.9	5.4	5.4	6.1	3.8	5.6	6.9	22
23	12.9	2.4	24.4	15.6	6.5	8.8	5.0	5.8	6.5	3.2	5.6	7.1	23
24	11.7	2.4	21.5	15.6	6.5	8.6	4.5	6.9	6.3	2.8	6.6	7.3	24
25	10.2	2.5	19.5	15.6	6.6	8.0	4.5	7.9	5.9	2.7	8.6	7.3	25
26	8.1	2.7	18.5	15.6	6.5	7.4	4.7	8.7	5.3	2.5	9.2	7.0	26
27	6.0	2.8	18.7	15.6	6.2	7.1	5.0	9.2	4.4	2.2	9.4	7.2	27
28	5.5	3.5	19.4	15.9	5.8	7.1	4.7	8.3	3.6	2.0	10.2	7.6	28
29	5.4		21.1	16.1	5.2	6.6	4.0	6.5	3.1	2.1	10.6	8.5	29
30	5.4		22.8	16.1	4.6	5.7	3.5	5.5	2.8	2.4	11.7	9.0	30
31	5.3		24.2		4.6		2.8	5.2		2.7		9.4	31
Sum													
Mean													
High													
Low													

Remarks: All readings are 8:00 A. M. corrected.

RIVER STAGES

Mississippi River Gauge at Memphis, Tenn. for the calendar year 1933

Zero Elevation 184.21 feet above Mean Gulf Level

Bank full stage feet on gauge.

M.R.C.3M, 11-28-41.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	23.2	30.3	30.3	35.1	34.1	39.6	10.8	11.6	5.6	7.1	3.4	3.9	1
2	25.6	30.6	30.7	35.8	33.7	39.4	10.7	11.3	5.7	7.2	3.3	3.8	2
3	27.4	30.8	31.1	36.7	33.0	39.1	10.3	11.2	5.5	7.0	3.2	3.4	3
4	28.5	30.8	31.4	37.3	32.9	38.6	10.1	11.1	5.4	6.5	3.0	3.0	4
5	29.5	31.0*	31.4	37.9	30.9	38.0	10.7	11.0	5.7	6.2	2.8	2.9	5
6	30.2	30.8	31.2	38.7	29.3	37.1	11.9	10.8	6.4	6.0	3.0	3.6	6
7	30.8	30.6	30.5	39.4	28.0	36.0	13.2	10.5	6.9	6.2	3.0	3.5	7
8	31.2	30.2	29.2	39.8	26.7	34.4	13.8	10.4	7.9	6.4	3.0	3.3	8
9	31.5	29.4	26.8	40.1	25.8	32.5	13.6	10.2	8.8	6.4	3.6	3.6	9
10	31.9	28.6	24.3	40.2	25.6	30.6	12.9	9.9	9.3	5.8	4.8	4.2	10
11	32.1	27.4	21.8	40.4(1)	25.6	27.7	12.0	9.9	9.1	5.2	5.5	5.4	11
12	32.1	26.0	20.5	40.0	26.2	24.9	11.7	9.8	8.8	4.9	4.9	6.3	12
13	32.1	24.8	19.6	39.7	27.4	22.7	11.4	9.2	8.1	4.3	4.2	6.6	13
14	31.7	23.7	19.2	39.2	28.7	20.4	11.1	8.4	7.5	4.0	3.6	6.5	14
15	31.0	22.6	19.0	38.8	29.7	18.8	10.8	8.1	6.7	3.8	3.2	6.3	15
16	30.0	21.6	18.4	38.2	30.6	17.4	10.6	8.4	6.4	3.8	3.0	6.0	16
17	28.5	21.0	18.1	37.6	31.5	16.5	10.2	8.9	6.0	3.5	2.8	5.8	17
18	27.2	21.1	17.9	37.0	32.4	15.8	10.1	9.2	6.1	3.2	2.6	5.8	18
19	25.4	21.9	18.3	36.4	33.3	15.5	9.8	9.5	6.4	3.2	2.5	6.3	19
20	23.1	23.2	19.5	36.1	34.3	15.2	9.7	9.6	6.7	3.4	2.7	8.9	20
21	21.3	24.6	21.0	35.7	35.3	14.8	9.9	8.9	6.7	3.2	2.8	10.9	21
22	20.1	25.7	23.2	35.6	36.3	13.7	9.6	7.6	6.1	3.0	2.7	12.0	22
23	19.5	26.7	25.5	35.4	37.5	12.8	9.1	6.9	5.8	2.5	2.6	13.3	23
24	20.0	27.3	27.2	35.3	38.2	12.6	8.7	6.3	5.6	2.2	2.3	15.0	24
25	22.1	28.0	28.4	35.2	39.0	12.3	8.2	5.9	5.5	2.5	2.4	16.0	25
26	24.5	28.6	29.8	35.1	39.5	11.8	8.1	5.7	5.7	3.8	2.9	16.7	26
27	26.6	29.2	30.7	35.0	39.7	11.7	8.3	5.3	5.9	4.4	3.2	17.0	27
28	27.9	29.3	31.6	34.9	39.9	11.5	9.0	5.3	6.0	4.7	3.5	17.1	28
29	28.8		32.3	34.7	39.9	11.2	9.7	4.9	6.0	4.6	3.9	16.9	29
30	29.5		32.9	34.5	39.9	10.9	10.6	4.7	6.5	4.0	3.9	16.5	30
31	30.0		34.2		39.7		11.1	5.2		3.5		15.8	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A. M. Readings corrected.

RIVER STAGES

Mississippi River Gauge at Memphis, Tenn., for the calendar year 1932

Zero Elevation 184.21 feet above M. G. L.

Bank full stage feet on gauge.

M.R.C.3M.11-28-41.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DAY
1	27.3	34.1	31.8	24.2	20.4	9.9	14.8	7.4	7.4	4.6	6.5	11.8	1
2	26.5	34.3	30.1	25.2	21.5	10.1	15.8	6.9	6.8	5.6	6.6	12.0	2
3	26.0	34.7	28.0	26.2	22.4	9.9	16.3	6.9	6.1	6.1	6.6	11.9	3
4	25.5	35.0	25.9	27.2	23.4	9.6	17.0	7.1	6.1	5.6	7.3	10.8	4
5	24.9	35.4	23.5	28.2	24.4	9.7	17.9	7.2	6.1	5.1	7.9	9.4	5
6	24.9	35.8	21.3	29.2	25.1	9.9	18.7	8.1	7.3	4.7	8.3	8.5	6
7	24.9	36.1	19.6	29.9	25.2	10.5	19.2	8.5	7.7	4.7	8.3	8.1	7
8	25.2	36.4	18.4	30.7	24.7	10.8	19.7	8.9	7.1	5.1	8.0	7.1	8
9	25.5	36.6	18.0	31.1	24.0	11.2	19.9	9.7	6.5	5.9	7.6	6.5	9
10	26.1	36.8	18.0	31.6	22.9	11.5	20.4	10.2	6.1	4.7	7.2	6.3	10
11	27.0	37.1	18.0	31.8	21.8	11.7	21.6	9.4	6.1	4.7	7.2	6.6	11
12	27.8	37.4	18.1	31.9	20.7	12.2	23.2	8.3	5.7	4.1	7.0	7.0	12
13	28.8	37.5	18.3	32.0	19.8	12.5	24.8	7.8	5.3	3.8	6.8	7.5	13
14	29.2	37.6	18.5	31.7	19.0	12.6	25.8	7.7	4.7	3.8	6.7	8.1	14
15	29.7	37.8	18.5	31.4	18.4	12.2	26.3	7.7	4.3	3.8	7.1	9.3	15
16	30.4	38.3	18.3	30.7	18.0	11.6	26.1	8.1	4.0	3.1	7.4	10.4	16
17	31.0	38.5	17.9	29.8	17.6	11.1	25.5	8.7	3.7	3.1	7.7	11.5	17
18	31.5	38.6	17.2	28.9	17.1	10.8	24.0	9.2	3.3	2.9	8.0	12.2	18
19	31.9	38.7	16.4	27.7	16.5	11.0	22.9	9.8	3.2	2.7	8.6	12.8	19
20	32.4	38.7	15.9	26.5	16.1	11.3	20.9	10.2	3.2	3.4	9.1	13.1	20
21	32.7	38.6	15.5	25.0	16.0	11.6	18.6	11.0	3.2	6.3	9.3	13.3	21
22	33.0	38.4	15.3	23.9	16.5	11.8	15.6	11.7	3.1	9.1	9.1	13.2	22
23	33.3	38.1	15.5	22.6	17.1	12.0	12.7	12.2	4.3	10.0	9.0	12.9	23
24	33.4	37.7	15.8	21.5	17.5	12.1	11.0	12.7	4.6	10.2	9.6	12.9	24
25	33.4	37.2	16.5	20.6	17.5	12.3	10.3	12.6	4.2	9.8	9.8	13.0	25
26	33.4	36.5	17.4	20.0	17.2	12.4	9.6	12.3	3.5	9.4	10.0	13.3	26
27	33.4	35.7	18.8	19.5	16.7	12.6	9.0	11.8	3.5	8.4	10.5	14.4	27
28	33.4	34.7	20.0	19.2	15.8	12.8	8.4	11.0	3.5	7.3	11.0	15.3	28
29	33.5	33.4	21.0	19.2	14.5	13.2	8.3	10.1	3.3	6.6	11.2	16.3	29
30	33.9	21.9	19.7	12.5	13.9	8.3	9.0	3.8	4.9	11.7	18.5	30	
31	34.1	23.1		10.3			7.9	8.1		6.0		21.2	31
Sum													
Mean													
High													
Low													

Remarks: 8:00 A. M. Readings

RIVER STAGES

Mississippi River Gauge at Memphis, Tenn. for the calendar year 1931

Zero Elevation 184.210 feet above M. G. L.

Bank full stage feet on gauge.

M.R.C.3M.11-28-41.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	DA
1	2.1	3.1	11.5	9.1	18.4	12.4	5.9	7.9	6.6	3.0	2.7	16.9	1
2	1.9	2.9	12.1	11.0	19.5	11.9	6.4	6.9	7.3	4.0	2.4	17.8	2
3	1.7	2.9	12.4	13.6	20.2	11.6	6.4	5.5	7.7	5.2	1.9	18.8	3
4	1.6	3.1	12.0	15.9	20.1	11.4	6.3	4.5	7.3	6.4	2.0	19.9	4
5	1.7	3.3	11.0	18.4	19.6	11.4	5.9	4.0	6.4	6.4	1.9	20.4	5
6	2.1	3.0	10.5	19.6	18.9	11.3	5.6	3.9	6.3	6.0	1.8	20.4	6
7	2.2	2.8	10.8	20.4	17.8	11.1	5.9	4.1	7.1	5.5	1.6	20.0	7
8	2.4	2.7	11.4	20.8	16.7	10.7	6.2	4.6	8.0	5.1	1.5	19.2	8
9	2.6	2.6	11.0	21.3	15.8	10.1	6.1	4.7	8.7	4.8	1.6	18.6	9
10	2.8	2.7	11.2	21.9	14.9	9.3	5.8	4.4	9.0	4.3	1.4	17.8	10
11	3.6	3.4	11.9	22.5	14.1	7.9	6.0	4.3	9.0	3.6	1.3	17.0	11
12	3.9	4.1	12.6	23.2	13.1	7.5	6.2	4.2	8.8	3.3	1.2	16.2	12
13	4.2	4.8	12.1	23.7	12.2	8.0	6.2	4.2	8.1	3.2	1.2	16.1	13
14	5.1	5.4	13.1	24.2	11.3	9.0	6.0	4.0	7.3	3.1	1.1	16.3	14
15	5.7	6.0	12.6	24.3	10.7	9.8	5.7	4.1	6.0	3.0	1.1	16.3	15
16	5.5	6.7	12.4	24.2	10.3	10.3	5.5	4.3	5.3	2.9	1.0	17.3	16
17	5.5	7.4	11.9	23.5	10.2	10.7	5.3	4.4	4.2	3.2	0.8	19.3	17
18	5.0	8.3	11.5	22.7	10.5	11.3	5.5	4.7	3.4	3.6	1.0	22.0	18
19	4.7	9.4	11.1	21.8	11.0	12.0	5.1	5.0	2.9	4.4	1.5	24.2	19
20	4.4	9.9	10.5	20.6	11.6	12.3	4.7	5.1	2.6	5.4	2.2	26.0	20
21	4.2	10.1	10.0	19.5	11.8	12.1	4.6	4.7	2.1	6.5	3.0	27.2	21
22	3.9	10.4	9.6	18.1	11.9	11.2	4.6	4.0	1.9	7.2	4.0	28.2	22
23	3.7	10.6	9.3	16.9	12.0	9.4	4.7	3.8	2.3	7.4	5.7	28.8	23
24	3.6	11.1	9.0	15.9	12.2	7.8	5.6	4.3	3.0	7.2	7.9	29.3	24
25	3.4	11.4	8.9	15.1	13.2	7.2	6.1	5.0	3.5	6.6	10.5	29.3	25
26	3.1	11.4	8.9	14.4	14.7	6.7	6.5	5.4	3.4	5.9	12.3	29.0	26
27	3.3	11.4	9.0	13.8	15.3	6.5	7.4	5.8	2.7	4.8	13.6	28.6	27
28	3.6	11.4	9.0	13.8	15.1	6.5	8.1	5.8	2.3	4.3	14.4	28.3	28
29	3.6		8.9	15.5	14.5	6.3	8.4	5.8	2.1	3.7	15.1	28.0	29
30	3.4		8.6	16.7	13.7	5.9	8.4	5.8	2.2	3.2	16.1	27.8	30
31	3.3		8.4		13.0		8.3	6.1		3.0		27.8	31
Sum													
Mean													
High													
Low													

Remarks: Corrected from gage inspection reports and checked by hydrographs.

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis, Tenn

800 am

Data River Stage, 05E Gage, (M.R.C.)

DATE	1930 A.M.												1931 P.M.												SUM	MEAN	DATE
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec			
1	20.8	28.0	23.7	22.9	14.1	14.5	10.9	3.2	2.2	2.2	1.7	2.6	2.0	3.0	11.5	9.1	18.4	12.4	.59	7.9	6.7	3.0	2.7	16.9	1		
2	6	26.2	24.5	1	4	13.7	6	1	1	0	6	6	1.8	2.8	12.1	10.9	19.6	11.9	.64	6.9	7.4	4.0	4	17.8	2		
3	0	24.7	25.1	21.4	.6	.0	.3	0	1.9	1.8	.5	8	.6	.8	.4	13.6	20.2	.6	4	5.4	.8	5.2	1.9	18.8	3		
4	19.6	22.3	26.2	20.6	.5	12.0	1	2.8	2.0	.8	.4	.9	.5	3.0	.0	15.9	.1	4	.3	4.4	.4	6.4	2.0	19.9	4		
5	.6	20.6	.8	19.9	.2	11.2	,0	.7	1.9	.8	.3	.8	.6	.2	10.9	18.4	19.6	,3	5.9	3.9	6.5	,4	1.9	20.4	5		
6	.9	19.9	27.2	.4	13.2	10.6	.0	.6	.9	.8	.2	.9	2.0	2.9	.5	19.6	18.8	.2	.6	.8	.4	.0	.8	.4	6		
7	20.9	20.7	.8	.2	11.8	9.7	.0	.5	.9	.4	.1	.9	.1	.7	.7	20.4	17.8	.0	.9	4.0	7.2	5.6	.6	.0	7		
8	23.0	21.3	.9	.5	.1	.2	9.8	.3	.9	.4	0.95	.8	.3	.6	11.1	.8	16.7	10.6	6.2	.5	8.1	.1	.5	19.2	8		
9	25.1	.9	.9	.6	.8	8.6	.5	.2	.8	.5	0.95	3.1	.5	.5	10.9	21.3	15.8	.1	.1	7	.8	4.8	.5	18.6	9		
10	27.4	22.6	28.1	.6	12.6	.6	.2	.2	.8	.4	1.2	,3	.7	.6	11.1	22.0	14.9	9.3	5.8	.4	9.1	.3	.4	17.8	10		
11	29.0	23.6	.6	.2	13.1	.6	8.9	.1	2.3	3	.2	.3	3.5	3.3	.9	.5	.1	7.9	6.0	.3	.1	3.6	.3	.0	11		
12	30.3	24.9	29.1	18.9	.0	.1	.3	1.9	.6	.5	.1	2.9	.8	4.0	12.6	23.2	13.1	.5	.2	2	8.9	.3	.2	16.2	12		
13	9	26.1	.4	.6	12.6	7.9	7.5	.9	.5	.5	0.95	3.3	4.1	.7	13.1	.7	12.2	8.0	.2	.2	.2	.2	.2	.1	13		
14	31.3	.9	.5	.3	.5	8.4	.2	2.0	.5	.4	0.95	.8	5.0	5.3	.1	24.2	11.3	9.0	.0	.0	7.4	.1	.1	.3	14		
15	.7	27.6	.5	17.9	.8	9.3	6.9	.0	9	.4	1.2	4.4	.6	.9	12.6	.4	10.6	.8	.57	.1	6.0	.0	.1	.3	15		
16	32.3	28.1	.5	.6	13.6	10.1	.7	1.9	3.1	.4	.7	.7	.4	.67	.4	.3	.3	10.3	.4	.3	5.3	2.9	.0	17.3	16		
17	.9	5	.5	.2	14.3	.5	.5	.8	2.9	.5	.4	.7	.4	.74	11.9	23.5	.2	.6	.2	.4	4.2	.3	.2	0.8	19.3	17	
18	33.4	.8	.4	16.7	15.0	.4	.1	2.1	3.2	.5	.1	.3	4.9	8.3	.5	22.7	.4	11.2	.5	.7	3.4	.6	1.0	22.0	18		
19	.9	29.0	.5	.3	16.0	.1	5.8	.1	.6	.5	.3	3.8	.6	9.4	.0	21.9	.9	12.0	.0	.50	2.9	4.4	.5	24.2	19		
20	34.2	28.9	.0	.1	1	9.7	.5	.2	.9	.4	.5	.5	.3	.9	10.4	20.6	11.6	.3	4.6	.1	.6	5.4	2.2	26.0	20		
21	.6	.6	28.6	.0	.5	.5	2	.4	.9	.4	.5	.2	.1	10.1	.0	19.5	.8	.1	.5	4.7	.1	6.6	.3	27.3	21		
22	34.7	.1	.0	15.9	17.7	10.6	4.9	.1	.6	.4	.5	2.8	.3	.9	18.1	.9	11.1	.5	.0	1.9	7.3	.4	28.3	22			
23	34.7	27.6	27.6	.6	18.7	12.5	.8	.2	.5	.4	9	.4	.6	.6	.3	16.9	12.0	9.4	.6	3.8	2.3	.5	57	23			
24	34.4	26.6	.0	.3	19.4	14.0	.8	.2	.5	.4	2.7	.1	.5	11.0	.0	15.9	.2	7.8	.56	4.3	3.0	.3	8.0	24.3	24		
25	.2	25.4	26.6	.1	.9	.7	9	.0	.8	.4	.5	.0	.3	.4	8.9	.1	13.2	.2	6.1	.50	.5	6.7	10.5	25			
26	33.9	24.3	.2	14.8	20.1	.4	.7	1.9	.8	.5	.5	2.1	.0	.4	.9	14.4	14.7	6.7	.5	.5	4	5.9	12.3	29.0	26		
27	.5	23.2	25.7	.5	19.8	13.6	.3	.7	.6	.8	.4	1.8	.2	.4	9.0	13.8	15.3	.5	7.4	.8	2.7	4.8	13.6	28.6	27		
28	32.9	.2	.3	.1	.5	.0	.0	.9	.2	2.1	.3	.5	.5	.4	.0	8.9	15.5	14.5	.1	4	.8	.1	3.7	14.4	28		
29	.1	.0	13.9	18.9	12.3	3.7	2.1	2.9	.0	.5	.3	.5	.5	.4	.8	1.1	4	.8	.1	3.7	15.1	.0	29				
30	31.0	24.5	14.0	17.8	11.4	.4	.2	.5	1.9	.6	.7	.3	.6	16.7	13.7	5.7	.4	.8	.2	.2	16.1	22.8	31				
31	29.6	23.7	16.2		3	.2	8		2.0	.2																	
Sums																									Sums		
Means																									Means		

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis Tenn SW am

Data Rain Stager UST Gage (MRC)

DATE	1928 A.M.												1929 P.M.												SUM	MEAN	DATE
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec			
1	2.6.1	22.3	24.4	23.3	32.8	20.8	34.5	19.5	14.1	10.3	12.7	26.7	15.9	31.0	21.8	39.0	35.1	40.4	21.9	13.6	7.2	6.3	10.6	2.48	1		
2	2.5.2	21.8	23.5	22.8	33.0	2	.6	3	13.4	9.9	4	25.3	14.4	6	24.1	.0	3	3.99	7	.2	6.6	.5	11.4	2.35	2		
3	2.3.6	2	22.6	.5	0	19.6	8	0	12.9	.5	1	23.8	12.9	32.1	25.9	.2	.6	.3	.2	12.9	.6	.7	12.1	2.17	3		
4	2.2.1	20.4	21.8	.8	32.8	.3	35.1	18.4	.7	.3	11.9	22.1	0	5	28.0	.5	.7	38.5	20.7	.8	.6	.8	.6	19.7	4		
5	2.1.0	19.4	20.9	23.8	5	.4	.3	17.9	9	.2	.8	20.7	11.4	.8	29.8	.7	36.0	37.5	.5	.8	.3	7.4	13.1	17.6	5		
6	19.9	18.6	.3	25.4	0	.8	4	.2	13.6	4	5	19.7	.3	.8	31.1	40.0	.3	36.4	.0	.3	.3	.6	14.0	15.5	6		
7	.0	17.9	19.9	26.4	31.5	20.6	5	16.6	14.1	.5	4	.3	3	6	32.1	.3	6	35.0	19.9	.2	.3	8.3	15.0	13.8	7		
8	18.7	.3	.5	27.2	30.8	21.4	.6	15.9	.6	.6	6	2	4	31.9	33.1	.6	37.2	34.0	20.0	.6	.5	.9	16.4	12.3	8		
9	19.3	.1	.1	28.3	.0	22.4	.7	.6	9	.6	.6	4	4	30.4	.8	9	.6	33.2	.0	.8	.5	9.0	12.6	14.3	9		
10	.3	.4	18.6	29.4	29.3	23.8	35.8	.3	15.1	.6	.8	.5	.6	28.0	34.5	41.0	38.0	32.7	.0	.9	.9	.0	18.4	10.6	10		
11	18.8	18.1	.0	30.2	28.4	25.7	35.6	4	.3	.5	12.3	.5	7	25.2	35.1	.1	.6	.0	19.9	.9	.7	.4	.6	.6	0	11	
12	.3	19.7	17.3	.7	27.4	27.5	.5	9	.5	.3	8	.3	9	21.9	.7	40.9	39.0	31.5	20.0	.7	.8	10.6	.6	9.6	12		
13	.3	21.8	.3	.8	26.3	28.9	4	16.6	.3	.2	13.0	18.9	12.4	18.9	36.2	.6	4	.2	.7	.9	.8	11.8	.4	.3	13		
14	.8	23.9	18.0	.8	25.0	30.2	.0	6	14.7	2	12.8	.3	9	16.8	.7	.0	.8	30.9	21.6	.6	12.6	.1	.4	14			
15	19.1	25.5	.5	4	23.6	31.0	34.2	4	.1	.1	.5	17.1	13.8	15.5	37.4	39.7	40.0	.6	22.1	.2	.7	13.2	17.4	.6	15		
16	.1	26.6	.8	29.6	22.0	.7	33.1	15.6	13.6	8.9	.0	15.9	14.4	14.9	.8	.2	.3	.0	.1	.8	.3	.3	16.8	10.0	16		
17	.1	27.4	.9	28.6	20.5	32.3	31.6	149	0	.6	11.5	.0	.9	.6	38.0	38.7	.5	29.1	.5	11.9	.0	12.8	.2	.5	17		
18	.1	.9	19.3	27.8	19.2	.8	30.0	.4	12.9	.6	0	14.1	15.3	4	.5	.3	.8	28.1	.4	.7	7.9	.3	.3	11.5	18		
19	.1	28.1	20.1	.3	18.0	33.3	28.4	13.8	14.2	8.5	10.5	13.2	.9	.2	.9	1	41.0	27.3	.3	4	8.5	11.7	.6	12.3	19		
20	18.8	.3	21.3	.5	16.9	.4	27.0	.3	15.3	8.8	.3	14.0	16.1	13.9	39.2	37.9	2	26.8	.6	10.7	9.1	10.1	18.2	13.4	20		
21	.7	.4	22.6	28.5	.3	.6	26.1	.0	.4	9.2	.6	15.6	.8	.6	.6	.8	.4	25.9	.8	.2	.2	.8	.5	20.4	14.9	21	
22	.9	.5	23.8	29.0	.3	.7	25.0	12.8	.0	.8	13.1	17.3	18.1	.3	40.0	.7	41.5	.0	23.0	.9	.0	.7	.2	.17	16.6	22	
23	.9	.2	24.7	.4	7	34.0	24.0	.6	13.9	10.5	18.1	19.6	19.7	.0	.5	4	41.5	24.4	22.8	.3	8.9	.6	.6	22.7	18.3	23	
24	.2	27.8	25.4	.9	17.8	1	23.1	.8	.3	11.1	21.7	21.3	21.4	12.7	7	36.8	41.5	23.7	.1	8.7	.2	5.8	23.4	19.7	24		
25	.8	1	26.0	30.3	18.9	.4	22.1	13.4	12.7	.5	24.2	22.3	22.9	.4	.9	.6	41.5	22.8	21.4	.3	7.7	.6	24.1	20.8	25		
26	21.0	26.6	.4	.8	19.7	.6	21.1	14.4	4	.5	26.2	4	24.4	13.4	.7	.1	41.8	21.9	20.3	.2	.8	.3	25.3	21.5	26		
27	.5	.1	6	31.2	20.1	.8	20.6	9	11.8	.6	27.0	21.9	26.3	14.9	.5	35.6	41.5	.1	18.2	.4	.8	8.2	.6	.8	27		
28	.9	25.7	.3	.7	.3	.8	.1	15.2	4	12.1	.9	.0	27.6	18.1	.2	.2	41.5	20.6	16.5	.3	.1	.7	26.2	.9	28		
29	.2	24.4	1	25.7	32.2	.6	.7	19.9	14.9	10.9	5	28.3	20.0	28.7	.3	39.7	34.9	41.4	.9	15.6	.5	6.7	9.3	.2	.7	29	
30	.5	.1	.4	21.0	.6	.9	.6	6	4	27.9	18.9	29.6	4	.9	.7	21.6	14.3	.2	.6	.5	.6	25.6	.4	30			
31	.5	24.1		21.1		.6	.2		.6		17.5	30.4		.2			40.8		13.8	7.9		10.1		.1	31		
Sums																									Sums		
Means																									Means		

(WB-3-1-5C-50M)

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis Tenn Swan

Data River Stage, U.S. gage (MRC)

DATE	1926 A. M. DRS												1927 P. M.												SUM	MEAN	DATE		
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec					
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't					
1	4.3	2.7	2.7	2.1	2.1	1.1	1.0	1.4	4.4	2.0	2.2	1.9	2.5	3.2	3.2	3.2	4.1	4.3	3.2	2.8	1.5	1.4	0	8.4	12.5	18.1			
2	3.1	8	28.3	22.1	19.9	.5	13.3	.4	.0	.7	.5	.5	3.3	3.3	3.3	1	4.0	2	3.0	2.7	6	13.6	.9	.6	17.3				
3	2.5	.6	.2	2.3	18.6	.2	12.3	.5	19.4	23.0	20.2	4	34.0	.7	.3	3	42.7	.5	26.5	.1	.0	9.6	.5	16.7					
4	2.4	.0	.1	.7	17.7	.1	11.3	5.1	18.7	.3	.9	.3	6	34.2	.6	3.9	.2	34.1	25.2	14.8	12.4	10.6	.0	12.4					
5	2.5	26.0	.1	24.4	16.7	9.9	10.5	.8	.0	24.4	21.6	.2	35.1	.7	.9	.8	41.6	.6	24.0	.2	11.8	11.4	11.2	19.7					
6	3.5	24.6	27.8	25.1	15.7	.7	9.8	6.2	16.9	25.3	22.1	.2	6	35.3	31.3	.8	.0	35.0	23.1	13.9	.3	12.1	10.1	20.0					
7	4.9	2.3	0	8	.3	.3	.3	8.8	.6	15.8	26.5	.3	24.8	.9	.8	.6	40.1	40.7	.5	22.3	.8	10.3	14.4	9.2	.7				
8	5.6	21.4	.3	.5	14.9	.3	.2	7.0	14.9	27.5	.5	.2	36.5	36.3	32.3	4	39.9	36.1	21.4	14.2	.9	17.4	8.6	21.0					
9	4	20.6	26.9	.4	.4	.5	7.4	7	15.7	28.1	.5	23.3	37.0	.9	.5	41.0	.2	.6	20.4	.5	.8	19.0	.2	.1					
10	4.8	.4	.6	.6	.1	.9	6.9	8.3	18.0	.9	.3	22.3	2	37.2	5	.5	38.4	37.2	19.9	.7	.6	.6	.7	.9	.4				
11	5.2	.9	.3	26.6	13.6	10.1	.6	5	20.0	29.6	21.8	2.3	5	.4	2	.9	37.7	.9	.4	.8	.5	.9	8.5	.9					
12	.5	21.6	25.8	27.9	.1	11.0	.3	4	21.4	30.3	.1	20.5	7	.7	.5	42.2	36.6	38.4	.1	15.0	.4	.9	9.5	22.6					
13	6.3	22.1	24.9	28.7	12.6	.1	.3	.3	22.1	.7	20.5	.2	.5	.8	.9	.4	.1	.8	18.6	.2	.0	.6	10.6	23.4					
14	7.3	.4	23.0	29.3	.2	.1	7.0	.4	.6	31.0	19.8	.5	.4	.7	33.2	.6	35.8	39.0	.2	.2	8.8	.3	11.5	.9					
15	.8	.3	21.9	.9	.0	10.7	8.5	.5	23.3	.3	.2	21.1	.1	.4	.3	.8	.5	.0	17.9	.2	.8	.4	12.0	24.2					
16	.8	21.8	20.9	30.3	11.8	9.9	9.7	.1	.7	4	18.3	.5	35.8	.1	.4	43.6	.3	38.8	.7	.8	9.9	.7	.7	25.0					
17	.5	.0	.1	.6	.6	.0	10.4	2.4	24.2	4	12.8	.9	34.2	36.8	.8	44.0	.2	.3	.5	16.8	.2	.7	.6	.6					
18	.1	20.0	19.6	.8	.4	8.5	.6	.1	.6	.3	.4	22.3	31.3	.3	34.3	.3	.0	37.8	.3	17.7	.4	.5	.6	26.1					
19	6.7	19.3	.1	.9	.2	.4	.3	6.9	.7	.2	17.8	.7	24.9	35.6	.3	34.7	.2	.1	18.5	.8	.3	.8	.6						
20	6	.1	18.6	.9	.0	9.5	9.9	7.5	.8	30.8	19.2	23.2	22.8	34.9	.7	.8	.2	36.6	16.9	.7	.8	18.9	13.3	27.2					
21	7.2	.6	.1	.9	10.9	10.9	.0	8.3	.6	29.8	20.4	24.4	21.0	.2	36.4	45.3	33.7	35.8	.6	.7	.8	.4	14.1	.9					
22	9.2	20.4	17.4	.9	.7	13.1	7.4	9.2	.4	28.7	21.5	25.0	20.9	33.4	32.2	.6	.0	.2	.3	.4	.5	17.6	15.5	28.4					
23	14.1	21.4	16.9	.7	.6	14.5	6.6	10.5	.3	27.0	22.2	.2	21.9	32.9	.7	45.8	32.3	34.2	15.9	.1	.3	16.5	16.5	.8					
24	14.7	22.5	.5	.5	11.1	15.2	.1	12.1	.3	25.2	23.0	.8	23.8	.3	38.4	45.8	31.6	33.3	.5	17.7	.0	15.5	17.6	29.1					
25	18.1	24.5	.2	29.8	.7	.5	5.8	13.8	23.9	23.4	.9	27.1	26.3	31.7	39.0	45.9	.2	32.3	.2	.3	8.7	14.4	18.5	.3					
26	21.2	25.6	.1	28.7	12.4	.5	7	15.8	.7	21.5	24.9	.6	28.1	.1	.7	45.7	30.8	31.7	14.9	16.9	.4	13.5	19.1	.3					
27	23.4	26.5	.6	27.3	.8	.2	7	17.6	.5	19.8	25.3	28.2	29.3	30.7	40.4	.4	.6	.2	.7	4	.2	.0	.4	.3					
28	25.2	27.1	17.7	25.8	.8	14.9	.2	19.0	.1	.0	.6	29.1	30.2	.3	.9	.0	.7	30.7	.8	15.8	.0	12.6	.2	.2					
29	26.2	18.4	24.0	.5	.9	4.8	20.3	.0	18.3	.7	30.0	31.0	.7	41.3	44.7	31.0	.2	15.1	.3	.0	.4	18.9	.0						
30	27.1	19.6	22.4	11.9	.7	.7	.7	22.9	.1	.6	.9	.8	.4	.2	.5	29.6	.4	14.8	.1	.1	.6	28.6							
31	.7	20.6	.3	.4	.7	.5	31.9	32.2	.2	.8	.8	.6	.5	.2	.2	.2	.2	.2	.2	.2	.2	.1							
Sums																												Sums	
Means																												Means	

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU
DATA SHEET; HOURLY RECORDS

Station Memphis Tenn. 8 am

Data River Stages U.S. Gauge (MRC)

DATE	1924 A. M. P.R.S.												1925 P. M. P.R.S.												SUM	MEAN	DATE	
	Jan	Feb	Mar	Apr	May	June	Jly	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Jly	Aug	Sept	Oct	Nov	Dec				
1	28.5	26.0	26.6	22.6	23.2	27.6	23.9	15.3	14.1	8.5	3.7	3.6	10.1	15.9	29.1	25.4	12.6	9.0	14.4	8.8	3.6	2.6	12.1	19.0	1			
2	3.3	23.5	27.0	23.5	22.4	28.1	24.1	14.7	.8	9.1	.5	.6	.2	4	4	24.7	14.0	8.6	.0	.6	.1	3.7	11.6	18.6	2			
3	4.2	22.3	2.2	24.7	.2	.5	.3	1.1	15.1	2.3	7	4	14.8	.3	23.8	15.3	.0	13.8	.5	2.6	4.6	.0	.3	3				
4	3.3	21.1	.1	25.7	.8	29.1	.9	13.6	.1	.1	1.1	9	.9	1	0	22.7	16.2	7.3	.8	.2	.1	.7	10.7	.1	4			
5	.4	19.2	26.7	26.8	23.5	.4	25.4	.1	14.7	8.7	.1	4.1	3	13.4	28.2	21.4	.5	.1	14.1	7.3	1.6	.6	11.1	17.7	5			
6	.8	18.0	25.8	27.9	24.2	.5	26.0	12.7	.2	.1	.1	.1	.9	.3	27.3	20.0	.3	.0	.4	6.4	2	.4	.6	.3	6			
7	29.4	17.3	24.6	28.5	25.1	.5	.3	13.6	7.7	.0	.4	.4	.6	26.0	18.6	.0	6.9	.0	5.7	0.8	.4	.8	.0		7			
8	30.1	.1	23.1	29.0	.4	.1	.5	11.8	12.7	.8	.1	.7	.2	14.4	24.7	17.4	15.3	.7	13.3	.1	.6	5.1	12.0	.2	8			
9	30.4	.0	21.7	.6	.5	28.6	.3	.1	.0	9.3	.1	.50	.4	15.4	22.9	16.3	.0	.6	12.3	4.7	-0.2	6.5	.1	.5	9			
10	31.0	.3	.2	30.0	.3	27.8	25.7	10.6	11.2	11.6	.2	.3	10.1	16.4	21.5	15.3	14.9	7.3	11.5	.3	-0.3	7.7	.7	.7	10			
11	.6	.8	.5	.3	.2	26.7	24.9	.4	10.5	13.2	.2	7.1	.7	.9	20.3	.3	.9	8.5	.0	.0	-0.4	8.0	13.6	.8	11			
12	32.1	.6	22.7	6	24.5	25.3	23.8	.2	.1	14.6	.2	9.1	11.3	17.5	19.1	16.1	.9	9.8	.0	3.7	-0.5	7.7	14.4	.8	12			
13	.5	.4	23.7	.7	23.7	23.9	22.6	.0	9.7	.9	2	10.8	.4	18.1	18.1	17.2	.8	10.5	.1	.6	-0.6	.3	16.9	.3	13			
14	33.0	.2	24.7	.8	.0	.4	21.5	.4	.3	.8	.4	12.9	.1	.7	12.5	18.0	.4	.6	.3	.6	-0.6	6.9	19.2	16.7	14			
15	.2	16.8	25.1	.7	22.3	.5	20.3	11.2	.0	.2	.5	15.5	10.8	.9	16.6	.2	.1	.2	.5	.6	-0.6	7.0	21.6	.0	15			
16	.6	.7	.2	.4	21.7	24.4	18.9	12.2	8.6	13.3	.4	12.7	.9	.8	2	.1	13.8	.1	.1	.7	-0.5	.0	23.2	15.5	16			
17	.8	.6	.2	29.7	.1	25.7	.4	.9	.3	12.3	.3	19.2	11.9	.6	.6	17.8	.6	.0	10.5	.9	-0.4	.2	24.3	.0	17			
18	34.1	.5	.0	28.7	20.8	27.0	.2	13.2	.0	11.2	.3	20.3	12.9	.3	12.4	.4	.4	9.8	.0	4.3	-0.2	6.9	25.6	14.5	18			
19	.7	.6	24.5	.7	27.6	.6	.7	.3	.5	7.8	10.3	.4	.9	13.4	.5	18.2	16.9	.6	.8	9.9	.3	0.0	.9	26.4	.0	19		
20	.1	.8	23.7	26.7	.9	28.1	.7	.2	.4	8.7	.6	.4	14.0	19.3	19.0	.3	14.5	10.2	10.0	.6	.5	7.6	.9	13.4	20			
21	33.7	17.0	22.8	25.6	21.6	.3	19.4	12.6	.2	7.3	.5	19.3	.6	20.1	.9	15.6	15.6	.9	.2	.7	1.0	8.1	27.1	12.9	21			
22	.5	.5	21.2	.1	22.6	.4	20.1	.1	.2	6.4	.5	17.2	15.0	21.9	21.0	14.9	16.7	11.6	.5	5.0	.8	.8	.0	.2	22			
23	.3	18.1	.0	24.8	23.5	.6	.4	11.3	.2	.56	.5	15.6	.1	23.8	22.4	.3	17.4	12.9	.0	.2	2.5	9.8	26.4	11.3	23			
24	.0	19.0	20.3	.8	24.5	.8	.5	10.5	8.2	.0	.6	14.2	14.9	25.2	23.8	13.8	.5	13.9	9.9	.1	.6	11.2	25.6	10.5	24			
25	32.6	20.4	19.9	.9	25.1	.6	.3	4	.6	4.6	.6	13.7	.7	26.5	25.0	.3	.1	14.5	.6	4.7	.4	12.3	24.8	9.6	25			
26	.1	21.8	.8	25.0	.4	27.9	.0	.4	.6	.4	.6	12.3	.7	27.7	.6	12.7	16.2	.8	.2	.3	.3	.8	23.9	8.7	26			
27	31.7	23.3	20.0	.0	26.2	.0	19.5	.6	.4	.2	.5	11.3	.9	28.3	26.0	.3	15.1	15.2	.84	.2	.2	13.3	22.9	.0	27			
28	30.7	24.7	.4	24.6	.6	26.0	18.3	11.1	.2	.1	.5	10.8	15.9	28.8	.2	.1	13.6	.5	.2	.5	.2	.3	21.4	7.7	28			
29	29.6	25.6	21.0	.0	27.0	24.7	17.3	.8	.1	.0	.6	4.4	16.2	.3	.0	12.3	.3	.4	.6	.3	.2	20.2	.3	29				
30	28.3	.7	23.5	.2	.1	16.8	12.7	.2	.0	.5	.0	.7	.3	.0	11.2	.0	.7	.4	.4	4	12.6	19.5	6.7	30				
31	27.0	.9		.3		.0	13.1		3.8			9.8	.4		.0	10.2		.8	.0		3		.2	31				
Sums																									Sums			
Means																									Means			

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis Tenn

827 a.m.

Data River stages, U.S.E. Gauge (M.R.C.)

DATE	Jan Feb Mar Apr May June July Aug Sept Oct Nov Dec															Jan Feb Mar Apr May June July Aug Sept Oct Nov Dec															SUM	MEAN	DATE
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't									
1	27.0	20.0	25.0	42.6	42.2	21.3	155	136	62	3.3	2.0	39	14.0	26.7	19.8	35.8	23.2	23.9	16.4	10.4	8.9	5.3	7.1	5.5			1						
2	.8	.4	.6	.5	.1	.7	.1	.0	.7	.1	.0	.7	13.0	27.6	17.8	7	21.9	6	15.5	.1	.3	.5	6.9	.8			2						
3	28.3	.6	26.3	.3	.0	.8	148	12.4	.9	.0	.1	.5	12.0	28.6	16.7	4	20.7	6	14.8	9.8	.2	6.1	.6	6.7			3						
4	.8	21.0	27.2	41.9	41.7	.6	.7	11.9	84	2.9	1.9	.4	11.7	29.8	15.0	.2	19.9	.6	.8	.7	.1	.6	.4	7.6			4						
5	29.1	20.7	.9	.6	.4	.2	.8	10.9	.6	.8	.9	.4	.7	30.4	13.8	34.8	.5	4	15.0	.5	.3	8	.3	84			5						
6	.3	19.5	28.5	.4	.0	20.3	15.1	2	.3	.8	.7	.5	31.0	.3	0	.1	.0	.3	.4	.2	.9	.3	9.0			6							
7	.3	18.3	29.0	.1	49.6	19.9	.2	9.8	7.9	.7	.7	.5	7	.5	32.7	18.9	22.3	.8	.3	4	7.0	.4	.2			7							
8	.0	17.1	.2	40.9	.2	.5	.3	10.0	.3	.7	.7	.8	.6	32.3	.5	30.9	19.0	21.5	16.0	.9	.4	.9	.6	.3			8						
9	28.5	16.1	.6	.6	39.5	.2	.4	.3	6.6	.6	.6	4.0	.7	7	14.2	29.5	.2	20.7	.5	10.6	.6	8.7	.7	.7			9						
10	27.7	15.4	30.4	.5	38.5	18.9	.7	.4	.1	.5	.6	.6	12.1	33.1	15.7	28.1	.3	0	17.1	11.1	.7	.9	7.0	10.6			10						
11	24.7	14.6	31.0	.4	37.6	.5	16.0	.0	.2	.6	.5	.5	1.1	.6	.5	17.8	27.0	.2	19.3	.3	.8	.8	.6	.2	12.2			11					
12	25.0	.1	.7	.3	36.7	.0	.3	9.4	7.0	.7	.5	.9	.8	.6	19.7	26.2	.0	18.5	.0	12.5	.7	.1	.3	14.2			12						
13	23.1	13.6	32.1	.2	35.6	17.8	.6	8.7	.5	.8	.7	7.1	13.1	.9	21.7	25.9	18.5	17.8	16.7	13.1	.6	7.6	.3	16.5			13						
14	21.3	.0	.4	.2	34.4	.8	.7	.0	.4	3.0	2.0	8.5	.2	34.2	24.2	.6	17.8	.6	.7	.6	.5	.5	.4	18.7			14						
15	20.4	12.6	.7	.3	33.1	.8	.4	7.8	.0	2.9	2	9.7	.0	.3	26.4	.5	.5	18.2	.4	.9	.3	.6	.4	19.9			15						
16	.0	.2	33.0	.5	31.8	.6	15.9	.6	6.5	.7	.3	10.3	12.7	.4	28.4	.5	.5	19.5	15.9	14.2	.1	.7	.4	21.9			16						
17	.0	11.9	.4	.7	30.4	.3	.7	.6	.1	.5	.4	.6	.4	.4	30.0	26.0	18.5	20.9	.5	.8	2.7	.8	.5	23.7			17						
18	.2	.6	.9	.9	29.1	.0	.6	.8	5.8	.5	.5	.7	.2	.2	31.1	.7	20.4	22.2	14.9	15.6	.3	.8	.5	25.2			18						
19	.3	.7	34.8	41.1	27.5	16.8	17.8	.7	.3	.6	.6	.9	11.8	.0	32.1	22.4	22.3	23.2	.4	16.0	6.9	8.2	.5	26.2			19						
20	.3	12.6	35.7	.1	25.9	.4	18.2	.5	.0	.6	3.0	11.5	.6	32.3	33.1	.9	23.5	24.0	.2	.8	.6	.7	.3	.8			20						
21	.0	13.8	36.4	.2	24.4	.2	17.7	.0	4.9	.5	4.1	12.2	.5	32.6	.9	28.4	24.4	.5	.4	17.5	.3	.9	6.8	27.1			21						
22	19.6	15.5	37.5	.2	22.8	.5	.1	6.8	.7	.5	.5	1.1	12.1	31.9	34.6	.5	25.1	.6	.5	18.0	.3	.9	.5	.2			22						
23	.1	17.4	38.6	.3	21.7	.9	16.8	.7	.5	.4	6.1	.9	.8	30.9	35.3	.6	.7	.3	.5	.2	.3	9.0	.2	.5			23						
24	18.6	19.2	39.5	.3	20.9	17.0	.6	.5	.2	.4	.3	14.9	18.7	29.8	.8	.6	26.1	23.6	.3	.0	.5	.1	.0	.3			24						
25	.4	20.8	40.3	.4	.5	.1	.5	4	.0	.4	.2	16.2	16.5	28.4	36.2	.3	.3	22.7	13.8	17.5	.3	.0	.5	.8			25						
26	.4	22.2	.8	.6	19.9	.1	.2	.2	3.9	.5	.0	17.4	18.1	27.0	.5	22.8	.3	21.5	.2	16.5	.0	8.8	.4	28.1			26						
27	.4	23.3	41.3	.9	.4	16.9	15.8	.0	.9	.5	.5	5.6	18.4	20.0	25.0	.4	.1	.2	20.5	12.5	15.0	.5	.7	.4	.5			27					
28	.5	24.1	.8	42.1	.0	.6	.4	5.9	.9	.5	.1	.5	22.0	22.3	.4	26.6	25.8	19.6	11.9	13.5	.6	.5	.3	.8			28						
29	.6	42.1	.3	.5	.2	.2	.8	.8	.3	4.7	17.7	23.2	.4	25.9	.3	18.6	.4	12.0	.5	.3	.3	.9			29								
30	19.1	.4	3	20.1	15.9	14.9	.5	.6	.2	.3	16.5	24.8	.3	24.8	24.7	17.4	.0	10.7	.3	2.8	.4	.9			30								
31	.5	.6	.7	.7	.3	.6	.1		15.1	25.9	.1				.1		.2	10.7	9.7	.4				29.0			31						
Sums																												Sums					
Means																												Means					

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(WB-3-1-5C-50M)

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis Tenn

809 AM

Data River Stage USE Gauge (MRC)

DATE	1920 A.M. DRS												1921 P.M. DRS												SUM	MEAN	DATE	
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec				
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't				
1	18.7	28.6	22.1	38.4	36.4	29.5	19.4	16.0	14.8	8.9	5.3	7.2	14.7	13.8	21.7	26.7	28.2	11.9	15.5	9.6	10.6	16.5	3.5	24.1	1			
2	16.6	29.2	.5	39.1	.7	28.1	.8	15.1	.3	.6	.7	.9	.4	14.5	20.9	27.7	.0	.6	16.1	.0	9.6	.7	.4	.2		2		
3	14.4	.7	23.0	.8	37.3	27.3	.8	14.6	.0	.4	.9	.8.6	.1	15.6	.3	28.3	27.7	.9	.8	8.4	8.7	.8	.5	.3		3		
4	12.8	30.1	.1	40.2	.7	26.3	.7	13.9	12.5	.3	.8	9.2	13.9	17.0	19.8	29.9	.1	12.3	17.5	7.9	7.7	.6	.5	.6		4		
5	.1	.4	22.4	.3	38.1	25.8	.7	.4	.2	.4	.7	.7	.9	18.1	.4	.3	26.6	.8	8	.4	6.9	.1	.7	25.2		5		
6	11.3	.5	21.3	.2	.5	6	7	.1	12.9	.4	.6	9	14.0	.6	.1	.5	.0	13.5	.6	.1	4	15.3	4.3	.7		6		
7	10.5	.3	20.3	.2	.7	.5	.8	12.6	.8	.1	.6	10.3	13.8	.8	18.5	.6	25.3	14.1	.3	6.9	.0	14.4	5.2	26.2		7		
8	.0	29.7	19.2	39.9	.5	.7	.7	.3	.8	2.3	.4	.5	.6	19.3	17.9	.9	24.6	.4	.1	7.0	5.6	13.6	6.3	.7		8		
9	.5	28.3	18.5	.7	.2	26.0	.3	11.9	.9	6.2	.4	.9	.2	5	18.0	.8	23.6	.5	16.9	.6	12.6	7.7	27.0		9			
10	11.9	26.6	17.9	.4	39.9	.3	.0	.5	.5	3	.3	11.1	12.6	20.2	.0	.3	22.9	.4	.5	8.7	7.2	11.8	8.9	.4		10		
11	14.2	24.5	.9	38.9	.5	.4	.0	.0	.1	.0	.2	.0	.0	21.2	.4	.1	.1	.8	15.7	9.3	.8.9	.3	9.5	.7		11		
12	17.0	22.8	18.0	.7	36.6	.3	0	10.9	11.9	5.8	.1	.0	11.3	22.2	19.9	28.7	21.7	15.3	14.8	.7	10.1	10.5	10.1	.9		12		
13	19.3	21.6	.3	.5	35.7	25.9	3	.8	12.0	.7	.0	10.9	10.8	23.2	21.9	22.9	.5	.5	.1	.9	.3	9.8	.5	.7		13		
14	21.2	20.7	19.2	.2	34.1	.6	.6	.7	2	.6	.0	11.0	.6	24.2	23.8	.6	22.2	.5	13.4	.8	.2	.1	11.0	.3		14		
15	22.9	19.7	20.6	.0	31.9	.1	.8	.6	.4	.5	.0	.2	11.0	25.2	25.5	26.3	23.8	.7	12.6	10.0	9.8	8.7	.0	26.5		15		
16	24.1	18.9	23.2	.0	29.9	24.3	.6	11.2	.4	.5	.2	.5	.6	.9	26.7	25.5	25.0	.7	11.6	.2	.3	.3	10.9	25.1		16		
17	.7	.4	25.7	32.8	.4	23.3	.4	12.6	.8	.5	.2	.2	12.0	12.5	26.6	27.3	24.5	.8	.1	10.6	.6	8.9	.0	.6	23.3		17	
18	25.2	17.8	27.8	.4	.0	22.1	.0	14.2	13.6	.3	.2	.5	13.6	27.1	.7	23.5	26.0	14.2	9.8	11.0	.7	7.6	.3	20.9		18		
19	.4	.1	29.2	.2	.0	21.0	18.7	15.4	14.6	.0	.3	.9	14.6	.4	.8	.0	25.7	13.5	.3	.6	9.0	.1	.0	18.8		19		
20	.1	16.4	30.5	36.9	.8	19.9	.4	16.4	15.7	4.9	.4	13.3	15.3	.8	.6	22.8	24.7	12.7	.1	12.1	10.5	6.7	9.9	17.0		20		
21	24.7	15.7	31.5	.6	30.4	18.7	.9	12.3	17.2	.7	.4	.5	.8	.7	.2	24.0	23.4	.4	8.9	.3	12.3	.2	11.1	15.3		21		
22	.1	.1	32.6	.2	.9	17.6	19.2	18.0	.9	.5	.4	14.4	16.1	.1	26.8	25.5	21.7	.1	.9	.3	12.5	.5	.8	12.1	14.1		22	
23	23.3	14.7	32.2	35.7	31.4	16.6	.3	.4	.6	4	.2	15.0	.2	26.7	.2	26.7	20.6	11.8	.9	.2	.5	.4	.4	17.3	13.4		23	
24	22.8	.5	.8	.2	.9	15.8	.2	.6	16.4	.4	.2	.5	.1	.1	25.2	27.4	19.5	.6	9.0	.2	.2	.0	20.3	.4		24		
25	.9	.6	34.3	.0	32.3	.3	.2	.4	15.1	.6	.1	16.1	.0	25.2	24.4	28.1	18.3	.7	.1	.3	.5	4.8	22.2	.7		25		
26	23.8	15.4	.9	.0	.6	.0	.1	.2	13.5	.7	4.9	.4	15.5	24.5	23.5	.4	17.3	12.1	.4	.4	.8	.6	23.2	15.0		26		
27	24.9	16.7	35.5	.2	.7	.2	18.6	.0	12.2	.50	.9	.6	.1	23.8	.0	.8	15.9	13.3	.6	.5	14.0	.4	.6	17.4		27		
28	25.8	18.8	36.1	.5	.6	16.0	.4	17.5	11.0	.0	.52	.3	14.4	22.6	.3	.8	14.8	14.0	.8	.5	.8	.3	.8	20.3		28		
29	26.6	20.8	.6	.8	.2	12.5	12.8	16.8	10.1	.0	.6	12.7	.0	.5	.7	13.9	.1	10.0	.3	15.6	.1	.8	22.8		29			
30	27.3	.7	37.3	36.1	21.7	18.7	.2	.0	9.4	.1	6.4	.1	13.7	24.0	.5	.1	15.0	.1	11.8	16.2	3.9	24.0	24.7		30			
31	.9	.8	30.8		16.6	15.3		.2		.2	.6		25.7	12.4			9.9	.2			.7		25.9		31			
Sums																										Sums		
Means																										Means		

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis Tenn 807 am

Data River Stages USE Stage (inches)

DATE	1918 A.M. DRS															1919 P.M. DRS														
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't	SUM	MEAN	DATE				
	1	2	3	4	5	6	7	8	9	10	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't							
1	2.7	14.2	30.3	22.7	25.9	21.4	14.6	6.9	7.4	5.5	4.8	9.6	23.7	18.4	15.6	36.7	22.8	29.2	17.3	12.5	6.3	5.0	19.8	19.7		1				
2	.2	.7	.1	.1	26.2	20.7	.8	.9	.4	.4	5.1	10.1	24.1	.6	16.5	.0	.7	.4	18.4	.0	.4	.3	22.5	22.3		2				
3	-	15.4	29.9	21.2	.4	.4	15.9	1.2	.3	.3	.2	.4	.8	19.1	17.4	35.4	.9	.3	.7	11.6	.7	.7	24.2	24.7		3				
4	-	16.2	.7	20.8	.4	.4	16.6	.5	6.9	.3	.5	.6	25.5	.0	18.1	24.2	23.0	.2	.7	.1	2.0	6.0	25.5	26.5		4				
5	0.7	20.2	.2	21.1	.2	.6	17.0	.6	.6	.1	6.9	.7	26.2	18.9	.6	33.7	.0	28.8	.7	10.7	.4	.2	26.4	28.4		5				
6	.6	25.0	28.8	20.8	25.7	21.0	.2	.6	.4	4.9	9.1	.8	.9	.4	.8	32.5	.0	.2	.8	.2	8.0	.4	27.3	29.4		6				
7	.8	26.8	.2	.8	.0	.3	.3	.6	.5	.6	11.6	.8	27.7	17.7	.6	31.0	.0	22.1	19.1	9.8	.2	.5	28.0	30.2		7				
8	1.4	25.2	27.2	.8	23.6	.6	.4	.6	7.6	.2	13.1	.6	28.4	16.9	.5	28.9	.3	26.7	.0	.3	.0	.2	.5	.8		8				
9	.6	24.5	26.7	.9	22.7	.2	.1	.6	9.3	3.9	14.3	.2	8	15.5	.5	26.8	.7	.5	18.5	.0	2.4	.0	.8	.8		9				
10	2.1	.2	25.6	.9	21.8	20.7	16.6	.6	11.0	.7	.8	9.4	29.2	14.5	19.0	25.3	24.3	.5	17.8	8.5	6.6	.3	29.3	.7		10				
11	.7	.8	.1	.9	20.3	.2	.1	.2	.3	.4	15.5	.8	.6	12.7	.7	23.6	25.5	.4	.0	.1	.0	.8	.4		11					
12	.4	26.5	24.4	.9	18.9	19.6	15.8	6.8	.3	.1	.3	.5	.9	.0	21.0	22.0	26.9	25.8	16.1	7.7	5.6	7.4	30.0	29.7		12				
13	1.0	27.3	23.9	21.0	.3	.1	14.9	.3	.0	.0	14.5	.1	30.2	12.4	22.2	21.8	28.2	.2	15.3	.5	.4	.4	.1	.8		13				
14	.1	28.0	4	4	.6	18.8	.7	5.9	10.7	2.8	13.5	.0	.8	11.6	23.5	.4	29.2	24.2	14.5	.4	.3	.8	28.9	.9		14				
15	.2	.5	22.8	.7	20.0	.8	.3	.5	.2	.7	12.6	7.9	31.0	.1	24.6	.5	.8	23.3	.0	.4	.1	8.3	.7	30.0		15				
16	.3	28.0	.1	.9	.9	.9	.1	.4	9.6	.4	.0	8.6	.2	12.4	25.5	.6	30.4	22.6	13.6	.4	4.9	.4	.5	.2		16				
17	2.1	28.9	21.6	22.1	22.7	.9	13.6	.3	8.9	.2	11.8	10.2	.3	9.9	27.1	24.4	.9	26.4	.2	.8	.7	.5	.2	.6		17				
18	.5	.8	.3	.2	23.6	.7	.1	.3	.1	.1	4	11.8	.3	.5	28.8	23.5	31.3	20.5	12.8	8.0	.3	.8	28.2	.9		18				
19	3.5	.4	.2	.2	24.6	.4	12.7	.2	7.6	.0	10.7	14.0	29.9	.4	30.4	24.5	.6	19.9	.5	.0	.0	9.7	27.0	31.3		19				
20	5.2	.5	.4	.5	25.5	.1	.0	.0	.2	.0	0	16.2	27.1	.5	31.4	25.3	.8	.4	.2	.1	3.8	10.9	25.6	.6	20					
21	7.1	.6	.8	.6	.9	17.8	11.6	4.8	6.8	.2	9.1	18.0	23.8	.9	32.2	.6	7	.1	.0	.1	.6	12.0	23.5	.8	21					
22	7.5	.5	22.4	.8	26.4	.6	10.7	.6	.5	.5	8.7	19.1	21.2	10.4	33.0	.8	.4	18.6	11.7	7.9	.6	13.0	21.5	32.1		22				
23	9.4	.8	23.5	23.4	.1	.1	.0	.6	.3	.7	.9	20.1	19.0	.9	.9	26.0	.2	.4	.4	.7	.6	.7	19.6	.2		23				
24	.4	29.5	24.4	24.5	25.8	16.5	9.5	.5	.3	.8	9.2	21.3	17.8	11.8	34.7	.0	30.9	.0	.3	.4	.8	14.3	17.9	.0	24					
25	.9	.8	.7	20.1	.3	.0	.1	.5	.2	3.1	.5	22.0	16.8	12.6	35.5	25.9	.8	17.3	.3	.1	.9	.9	16.4	31.8		25				
26	.7	.9	25.0	.1	24.7	15.6	8.5	4	.2	.5	.4	.1	16.6	13.3	36.1	.8	.3	16.9	.5	6.9	4.4	15.4	15.3	.4	26					
27	10.1	20.1	.2	24.9	.1	.1	.1	.5	.4	4.0	.3	.2	.8	.8	36.8	.2	29.8	.6	12.4	.7	.8	.8	14.6	30.8		27				
28	.7	.2	.3	.9	23.6	14.7	7.9	5.0	0	.3	.1	3	.9	14.6	37.2	24.8	.5	.5	.9	.5	5.0	16.2	.1	29.4		28				
29	.7	24.9	25.0	.1	.6	.7	.7	5.9	.3	.3	.4	12.2	.4	.2	.4	.2	.2	.6	13.2	.4	4.8	.4	14.0	27.5		29				
30	.9	.4	.5	22.8	.6	4	6.2	.7	.2	.4	.5	.6	.2	.2	.2	23.6	28.8	.7	.2	.3	.7	12.0	17.9	25.1		30				
31	117																										31			
Sums																											Sums			
Means	-0.1	3	11.2																								Means			

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU
DATA SHEET; HOURLY RECORDS

Station Memphis Tern 800 am

Data River Stages, U.S.E. gauge (M.K.C.)

DATE	1916 P.D.S.												1917												SUM	MEAN	DATE
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec			
1	335	403	29.5	24.5	27.4	22.6	27.7	21.0	124	65	71	55	11.7	27.0	20.1	38.6	23.3	17.2	23.2	19.7	9.1	4.6	7.9	4.7	1		
2	38.0	.9	.0	27.0	26.7	23.9	.1	19.9	11.7	6	7	4	15.1	.4	21.4	.8	.0	18.5	22.0	.3	8.9	.5	8.2	.7	2		
3	41.2	28.4	28.8	.0	25.2	26.3	.2	.0	6	8.0	4	17.9	.6	22.7	.9	.2	21.2	20.9	.8	18.6	.6	5.1	.3	.7	3		
4	.6	27.8	30.0	25.3	26.0	25.4	19.4	10.4	6	0	4	19.4	.6	23.8	39.2	.7	23.3	19.9	17.9	4	7	4	7	.7	4		
5	.8	42.1	.3	.7	24.7	.5	24.3	17.6	.0	.5	7.8	.5	20.7	.5	24.6	.4	24.2	25.2	.4	.4	.2	6.1	.9	.6	5		
6	35.1	6	.2	31.5	.5	.9	23.3	16.6	9.7	4	.4	.5	21.9	26.9	25.5	.6	.6	26.7	.3	16.8	8.0	2	.95	.4	6		
7	.4	43.0	.3	32.1	.6	.8	22.4	15.7	.4	3	.0	.5	23.4	.0	26.2	.8	25.1	28.0	.3	15.9	7.9	.1	10.4	.3	7		
8	36.0	.2	.5	.6	25.1	.5	21.5	14.7	.1	.2	6.6	.7	24.7	24.9	.9	40.0	.3	.8	.3	.0	.8	5.9	11.2	.1	8		
9	.5	.3	.5	33.1	.6	.2	.1	.1	8.9	.1	.3	6.0	25.9	23.6	27.6	.3	4	29.8	.5	14.2	.8	.7	.9	.0	9		
10	.7	.4	.5	.5	.8	.0	20.8	13.7	.7	.0	.1	.2	26.7	22.0	28.2	40.38	.4	30.4	.7	13.5	.8	.4	12.4	.39	10		
11	37.1	.1	.3	32.9	.8	25.9	.4	.3	.5	5.9	.59	.7	22.3	20.3	29.0	40.2	.4	.8	.6	12.9	.8	.2	.5	.7	11		
12	.4	42.7	.0	34.0	.6	26.4	.1	.0	.3	7	.7	7.1	7	18.8	.6	39.9	.1	31.2	.4	.4	.8	4.9	.5	.4	12		
13	.8	.3	26.8	.1	.1	27.0	.6	12.9	.1	.6	.5	.4	28.1	17.5	30.2	.7	24.5	.7	.1	11.9	.9	.7	.3	.29	13		
14	38.1	41.7	.5	.1	25.6	.7	21.4	.7	.0	.7	.4	.6	.5	16.3	.8	.5	.0	32.1	18.7	.5	.9	.4	11.7	.5	14		
15	.4	.1	.2	.1	.2	28.0	22.2	.7	7.9	.7	.3	.8	9	15.1	31.3	.3	23.3	.5	.3	.2	.9	.2	0	0	15		
16	.5	40.5	25.9	.0	23.9	.3	23.0	9	.8	.7	.2	8.0	29.1	13.9	.8	38.8	22.5	.9	.0	.0	8.1	.1	10.3	+0.7	16		
17	.7	39.8	.5	33.5	.7	.4	.7	13.6	.7	.6	.1	.0	.1	12.9	32.3	.3	21.6	33.3	17.7	10.9	.5	.1	9.7	-0.4	17		
18	39.0	.3	.3	.0	.7	.4	24.4	14.8	.3	.5	.2	7.6	.0	.3	.8	37.8	20.7	.7	4	.9	.6	.1	8.9	-0.5	18		
19	.3	38.5	.2	32.1	.8	.2	25.0	16.2	.1	.5	.2	.0	28.3	.2	33.4	.2	19.9	34.0	.1	.9	.4	.0	.1	-0.2	19		
20	.6	37.9	.5	31.4	24.1	27.9	.3	17.8	.0	.5	.3	6.5	27.3	.4	34.2	36.4	.2	.1	16.9	.8	.1	3.7	7.5	+0.1	20		
21	.7	.0	.7	30.5	.4	.4	.4	18.3	6.9	.4	.3	.0	25.7	.4	.7	35.4	18.7	.1	.7	.6	7.9	.5	6.8	.22	21		
22	40.0	36.3	.7	29.7	.8	26.9	.3	.8	.9	.3	.3	5.6	24.1	.2	35.2	34.5	.2	.1	.6	.4	.6	.4	.2	.4	22		
23	.0	35.5	.4	.2	.9	.6	24.9	.7	.8	.1	.3	.2	22.2	.2	.6	33.2	17.8	.1	.6	.3	.3	.4	.56	.16	23		
24	39.8	34.5	24.9	28.9	25.0	.3	.3	.3	.8	.1	.3	4.5	20.6	13.0	36.2	31.7	.4	33.7	17.7	.3	.0	.4	.2	.30	24		
25	.5	33.5	.4	.8	24.8	.6	23.5	.0	.6	.1	.3	.2	.0	14.2	.8	30.1	.0	32.8	18.6	.3	6.6	.4	4.9	.1	25		
26	.2	32.5	23.9	29.1	.2	27.2	.0	17.8	.5	.1	.2	3.5	.3	15.7	37.4	28.6	16.6	31.8	19.3	.2	.2	.4	.8	.5	26		
27	38.9	31.8	.2	.1	23.3	.7	22.9	.2	.4	.1	.3	.0	21.4	17.2	.8	27.2	.4	30.6	.8	9.9	.59	.5	.6	4.0	27		
28	.9	.0	22.6	.0	22.7	28.1	23.1	16.2	.3	.2	.4	.27	23.0	18.7	38.1	26.0	.1	28.8	20.0	.8	.5	4.1	.6	.3	28		
29	39.1	30.3	.0	28.8	.1	.1	.2	15.2	.3	.4	.5	.31	24.4	.4	24.9	15.9	26.7	.0	.8	.1	.8	.6	.4		29		
30	.3	21.8	.2	24.7	.0	22.9	14.3	.4	.8	.5	6.0	2.56	.6	.1	.9	24.7	.0	.8	4.9	5.9	.6	3.9		30			
31	.9	22.3	.7	.1	13.3	.65	.83	26.5	.6	16.3	.0	.5	.6	16.3	.0	.5	7.0	.1						31			
Sums	1111			Cairo	270.41	MSL	PBM 1	47.06.4ft	47.06.4ft	47.06.4ft	47.06.4ft	Delta Survey gage	PBM Memphis 1903	89.927 ft	47.06.4ft	PBM Memphis 1903	89.927 ft	47.06.4ft	PBM Memphis 1903	89.927 ft	PBM Memphis 1903	89.927 ft	PBM Memphis 1903	89.927 ft	Sums		
Means	4	1		PBM 2	48.433 ft		PBM 3	18.76	18.76	18.76	18.76	PBM Memphis 1903	89.927 ft	47.06.4ft	PBM Memphis 1903	89.927 ft	47.06.4ft	PBM Memphis 1903	89.927 ft	47.06.4ft	PBM Memphis 1903	89.927 ft	47.06.4ft	Means			

Zew 184.21 ft MSL and 114 ft above zero of Delta Survey (W.B. 31-50M)

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis Team SW arm

Data River Stages, USE gauge (m R.C.)

DATE	1914 DRS A. M.												1914 DRS P. M.												SUM	MEAN	DATE	
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sect	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sect	Oct	Nov	Dec				
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't				
1	8.5	8.1	25.1	22.4	24.8	19.4	14.8	10.1	5.6	19.2	9.2	3.0	18.5	24.6	26.8	16.6	14.2	23.1	29.2	28.0	28.8	18.3	13.8	23.0	1	23.0	1914	
2	.9	.7	.1	9	3	13.7	.6	9.7	.8	9.8	8.5	2	19.7	.8	27.1	.4	13.8	25.2	28.9	27.5	27.7	12.8	.5	22.2	2	22.2		
3	9.6	9.6	24.8	23.9	23.8	.1	.7	.4	6.3	.4	7.9	2	20.3	26.9	.0	.2	.3	26.8	.1	26.7	26.5	.6	.3	21.4	3	21.4		
4	10.1	10.8	.1	25.3	22.3	12.6	13.6	.0	.9	.0	.4	.3	.7	27.5	26.8	.2	12.9	28.1	.2	25.8	25.2	.6	12.9	20.6	4	20.6		
5	.8	11.9	23.4	26.9	.1	.1	.3	8.6	7.4	8.7	6.9	4	21.0	29.0	.4	.1	.5	29.1	27.9	.0	23.8	18.0	.5	19.8	5	19.8		
6	11.7	13.6	22.5	28.2	21.5	.0	12.9	2	.8	2	4	.5	.2	30.1	.0	.2	4	.6	.3	24.4	22.5	.7	.0	19.8	6	19.8		
7	12.5	15.5	21.5	29.4	20.8	.1	.6	.0	8.0	7.7	.1	.6	.2	31.5	25.4	.2	13.0	30.4	26.6	.1	21.1	19.7	11.5	17.8	7	17.8		
8	.7	17.3	20.4	30.2	4	1	5	7.7	.3	.0	5.8	.9	4	32.2	24.8	.1	2	.9	0	2	19.9	20.6	.1	16.9	8	16.9		
9	.5	18.9	19.4	31.0	21.3	.0	.5	4	.6	6.5	.5	4.1	.0	8	4	.0	.4	31.1	25.6	.5	18.9	21.6	1.0	19.7	9	19.7		
10	.2	19.8	18.4	.7	22.3	.3	.6	.2	.7	.1	.3	.4	20.0	33.6	.1	15.9	.8	.1	4	.7	17.9	22.8	.3	15.4	10	15.4		
11	11.3	20.1	.0	.7	.4	.8	.7	1	.7	.0	.1	.8	18.9	34.0	23.8	.6	14.1	.1	.3	8	.1	23.9	.0	18.8	11	18.8		
12	10.5	.2	17.8	32.2	.2	.9	.8	6.9	.6	.0	.0	7.0	17.6	.5	.6	.3	4	.0	.0	.9	16.7	24.6	.8	.3	12	12		
13	9.9	.4	.6	.5	.1	.5	13.1	.8	.5	.3	4.9	9.0	16.6	35.0	.4	.0	.8	3.0.7	24.9	.8	.7	.3	5.4	.0	13			
14	.4	.3	.6	.7	21.8	.4	.2	.5	.5	7.6	.8	10.8	.0	.4	.1	14.7	18.2	.5	25.2	.8	.7	23.7	.5	13.8	14	13.8		
15	.8	.0	.8	.6	.6	.4	.3	9.0	9.2	.8	11.7	.0	.7	22.8	.8	.3	.0	.7	.8	17.8	22.6	.8	.5	15	15			
16	.5	19.2	18.2	.1	.3	.4	.3	4	.9	10.9	7	13.0	.5	.1	.9	.4	15.3	.2	29.5	26.3	25.1	19.2	21.3	.8	.4	16	16	
17	.3	18.0	.8	.0	.1	.3	.2	3	6.0	12.5	.6	.2	17.8	36.0	21.5	16.4	.1	28.9	27.0	.2	20.4	20.0	.7	.6	17	17		
18	.0	16.8	19.3	31.8	.0	.2	12.9	.0	.1	13.4	.4	.0	19.4	.0	20.7	17.2	14.8	.4	.5	.0	.9	18.7	10.5	.9	18	18		
19	.0	15.8	.8	.5	20.6	.2	4	5.7	9.9	.7	3	12.4	20.7	35.9	19.9	.8	.3	.0	28.1	24.7	.9	17.3	12.1	15.1	19	15.1		
20	.1	.2	20.5	.4	.3	.4	.0	.4	.5	.8	.3	11.7	21.8	.7	.0	18.2	13.7	27.5	.8	.5	.8	16.3	14.0	17.9	20	17.9		
21	.5	14.9	.8	.0	.0	.8	11.7	.4	.3	14.0	.1	.0	22.5	.1	18.2	.3	.2	.0	26.0	.1	.7	15.5	16.0	21.0	21	21.0		
22	9.7	15.8	21.1	30.5	19.6	13.4	.8	4	.7	2	3.9	10.2	22.0	34.1	12.2	.3	12.8	26.6	.2	.0	.7	14.9	18.0	24.1	22	24.1		
23	10.0	18.5	.2	.1	.2	14.1	12.0	3	10.8	.6	.7	9.2	.5	33.0	.3	.1	.5	.3	25.1	.5	.4	19.8	26.6		23			
24	.0	20.7	20.9	29.7	.0	15.0	.1	2	12.2	15.0	.6	8.9	.8	31.5	.0	17.5	.3	.2	26.7	.3	13.9	21.6	29.2		24			
25	9.9	22.2	.7	.1	18.8	.5	.2	.1	13.1	.1	.5	.9	24.1	29.5	16.9	16.9	.4	.8	.2	27.9	.0	.6	23.0	29.5		25		
26	.2	23.9	.7	28.3	.6	.7	.3	.0	.2	14.9	.3	.9	.3	28.0	.8	.3	13.1	27.6	.0	28.9	.0	.6	24.1	30.1	26	30.1		
27	8.7	24.9	21.0	27.5	.3	.5	.2	.0	12.7	.2	.2	9.6	.7	27.2	.8	15.8	14.5	28.3	28.9	30.2	19.9	.9	.5	27	27			
28	.3	25.2	4	26.0	17.7	.2	11.9	.1	.0	13.2	.2	10.6	25.2	26.7	.8	.4	16.3	.7	.8	7	6	14.3	.7	31.5	28	31.5		
29	.9	.5	25.5	.0	.1	.5	4	11.3	12.2	.1	12.4	.2	.8	.1	17.8	29.2	.7	31.0	.2	.4	.1	32.2		32.2	29			
30	.9	.1	1	16.2	.0	.0	.5	10.7	11.1	.0	14.9	.0	.7	14.2	19.4	.3	.6	30.8	18.8	.3	23.9	.3		30				
31	.7	22.4	15.3	10.6	.6	10.0	17.0	24.6	.7	21.0	.4	.0	.4	.0	.1							.9		31				
Sums			4 MRC										11 MRC		11 MRC									3 MRC			Sums	
Means			32.6										3.0	36.1										9.45			Means	
			4/15										11/14		11/14									11/14			(WB-3-1-5C-50M)	

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis, Tenn 800 a.m.

Data River Stages, U.S. Gage (MRC)

DATE	1912 A.M. DRS															1913 P.M. DRS															SUM	MEAN	DATE
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec									
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't									
1	29.1	22.5	26.9	40.9	36.7	25.0	19.3	17.9	15.4	11.8	8.4	7.9	6.9	40.2	17.5	36.8	31.1	20.5	14.4	12.7	7.6	4.7	6.7	16.8				1					
2	.4	4	28.6	41.9	.6	24.4	.0	18.1	.3	.8	3	6	.9	.3	18.5	37.8	28.7	21.5	.3	4	4	1.6	.6	15.7				2					
3	.9	.3	29.8	42.6	.7	23.7	18.6	.8	.1	.7	2	2	7.0	.5	19.7	39.4	26.8	22.4	.8	.1	.2	1.6	.6	14.5				3					
4	30.5	.3	30.9	43.4	.9	.1	.1	19.1	14.8	.8	4	.1	.1	.5	21.0	40.9	24.8	.9	8	11.8	.0	.7	.6	13.3				4					
5	.8	.5	31.6	48.2	37.1	22.6	17.7	.5	.5	.1	.7	.0	.5	.5	22.6	42.4	23.3	23.3	.7	.5	6.7	.9	.7	12.4				5					
6	.8	.3	32.2	44.9	.4	.3	.4	.6	.1	10.8	9.4	.0	8.3	.4	23.8	43.7	22.0	.4	.5	10.8	.5	5.0	.9	11.7				6					
7	.9	21.9	.6	.5	38.0	21.8	.3	.1	13.8	.7	10.3	6.9	10.3	.0	25.1	44.9	20.9	.3	.2	4	4	.2	7.9	.3			7						
8	31.0	.2	.8	43.7	.4	.3	.4	18.5	.5	.7	.9	.8	11.8	.3	39.7	.5	45.6	20.3	.2	13.8	.0	.3	.4	8.9	.1			8					
9	30.8	20.8	.8	.6	7	20.7	18.3	17.8	.4	.7	11.1	.8	14.0	.4	.7	46.0	19.8	.0	.5	9.6	.2	.5	9.3	.1			9						
10	.0	19.8	.7	.2	.9	.3	19.2	.4	.3	.6	.1	7.1	16.8	.0	9	46.5	.5	22.9	.3	.3	.1	.5	.5	.2			10						
11	28.8	18.7	.3	42.7	.7	.1	20.2	15.5	12.8	.4	.0	8.1	20.8	.7	38.7	.7	44.7	.1	.6	2	8.9	.5	.9	.4	.3	.2		11					
12	27.0	17.6	.1	.5	.6	19.8	21.0	14.4	.5	.2	2	9.2	25.3	.1	24.5	44.1	.0	.1	.0	.8	.8	.3	8.7	.3			12						
13	24.8	16.2	31.8	.4	.4	.4	.2	13.6	.5	9.8	.3	10.4	28.1	32.0	23.2	43.8	.4	21.5	12.8	.6	.7	.2	.3	.4		13							
14	22.1	14.8	.1	.3	.2	.1	.0	.1	.9	.4	.1	11.2	29.7	35.7	22.6	43.5	.8	.1	.7	.5	.6	.1	7.8	.7			14						
15	19.5	17.5	.2	37.9	18.8	20.8	.1	13.5	.0	10.6	.9	31.0	33.7	21.1	.3	.9	20.2	.8	.4	7	.0	.3	12.3				15						
16	17.4	12.5	.1	.1	.6	.4	.6	.0	.8	8.5	.2	12.0	32.2	30.7	20.6	.0	.8	19.4	.7	.2	.9	4.9	.0	.5		16							
17	15.8	11.8	29.3	.0	.1	.1	.1	.0	.8	.2	9.7	11.9	32.1	28.6	.4	42.8	.3	.1	.6	7.9	6.0	.8	6.7	.3			17						
18	14.3	.0	.0	41.8	36.5	17.7	19.5	12.9	.7	.2	.3	.5	.8	26.9	.7	.4	18.5	.0	.5	.8	.1	.7	.5	.4			18						
19	13.6	10.3	.2	.5	.0	.6	.0	.9	.2	.0	8.9	.1	34.6	25.7	23.0	.0	.0	18.9	.3	.7	.5	.9	.8	.3	.3		19						
20	12.9	9.9	.9	.2	35.4	18.6	18.6	.8	12.8	7.9	.8	10.8	.8	24.6	24.7	41.6	17.3	.6	.0	.5	.7	5.0	.6	.2		20							
21	.7	.8	30.9	40.8	34.7	20.3	.3	.7	.5	8.5	.1	9.1	.3	35.0	22.6	26.1	.0	.0	.3	11.8	.4	.6	.3	7.4	.1			21					
22	13.2	10.0	32.3	.4	32.8	21.6	.6	7	4	9.0	.5	9.9	36.0	21.6	27.7	40.5	16.9	17.6	.8	.3	.5	.5	8.8	11.7			22						
23	.8	.1	.6	39.9	32.8	22.5	19.1	.8	.1	4	9	.3	.1	20.5	28.8	.0	.9	.0	12.0	4	.5	.5	11.1	.3			23						
24	14.2	11.0	33.8	.3	31.7	23.0	18.8	.8	11.8	.5	10.1	8.8	37.0	19.4	29.8	32.4	17.0	16.4	.3	.5	.5	.5	13.3	10.8			24						
25	16.2	12.3	34.9	38.7	.3	22.6	.4	.8	.7	4	9.9	.3	.7	18.3	30.7	38.6	.4	15.9	.8	.8	.4	.7	15.2	.4			25						
26	18.0	14.7	35.3	.2	30.2	21.8	.0	7	.8	.2	7	7.6	38.2	17.5	31.7	.0	.5	.5	13.3	.9	.3	.7	16.5	.8			26						
27	19.5	17.9	36.6	37.9	29.5	20.8	17.7	.6	.6	.0	.5	.3	.7	.3	32.5	37.5	.6	.1	.5	.9	.2	.8	17.3	.3			27						
28	21.0	21.1	37.4	.5	28.7	19.5	.5	.8	.6	.0	.2	6.9	39.2	.4	33.2	36.6	.6	14.9	.6	.8	.1	6.1	.7	8.7				28					
29	22.3	24.2	38.1	.2	27.8	.0	.4	14.0	.6	.0	8.9	.6	.4	34.5	34.9	.7	.6	.5	.8	.2	.4	.6	.5				29						
30	.5	.9	36.8	26.0	.4	.6	.9	.7	8.2	.3	.7	.8	.8	35.2	33.4	18.3	.3	.3	.8	4.5	.7	.4	.4	.4				30					
31	.5	40.0	25.5			.7	15.2		.5		.8	40.1		36.0		19.4		12.9		.7		.7		.3				31					
Sums																													Sums				
Means																													Means				

MRC 452 416

HW = 45.3, April 6, 1912

MRC 419

HW = 46.5, April 10, 1913

MRC 1013

(WB-3-1-50-50M)

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU
DATA SHEET; HOURLY RECORDS

Station 7 Memphis Tenn 800 am

Data River Stage USE gauge (MRC)

DATE	1910 DRS A. M.												1911 DRS P. M.												SUM	MEAN	DATE	
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec				
	1	2	3	4	5	6	7	8	9	10	11	Noon		1	2	3	4	5	6	7	8	9	10	11	Mid't			
1	6.8	30.5	27.4	20.7	18.6	24.1	16.4	14.2	8.2	7.7	5.5	3.6	21	4.6	18.1	27.6	13.6	34.1	11.0	11.1	7.2	7.3	15.7	19.3	16.3			1
2	.5	.4	28.4	19.9	.1	.0	.1	.3	7.8	.8	.1	.6	5.6	.2	.6	.8	32.3	10.6	.3	.3	.3	.6	18.7	.2				2
3	.2	.4	29.1	.1	17.6	23.9	15.9	.5	.3	8.3	4.8	.6	6.7	.5	26.9	14.0	30.8	.2	.1	.3	6.9	.2	12.8	15.9				3
4	.0	.1	.7	18.4	.4	.5	.7	.6	6.9	.8	.7	.6	8.4	1.0	.3	.5	.1	9.8	10.9	.2	.7	14.8	16.8	.6			4	
5	5.9	29.6	.9	17.8	.3	.0	.7	.5	.7	.9	.6	4.6	11.2	.9	25.3	.8	29.9	.4	11.0	.1	.6	.9	.0	.2			5	
6	6.5	28.4	30.2	.3	.3	22.2	.8	.1	.4	9.6	.4	5.4	14.1	21.1	24.4	.9	.8	.3	.2	.0	.3	15.4	15.2	14.6			6	
7	.8	27.0	.5	16.8	.6	21.4	.9	13.3	.2	19.2	.3	6.1	16.7	22.3	22.2	15.3	.9	.2	.1	.1	5.8	16.2	14.5	.1			7	
8	.1	25.2	.8	.3	18.0	20.6	16.4	.0	.2	12.2	.2	.4	18.9	23.3	22.0	16.7	30.0	.0	10.9	.2	.5	.9	13.8	13.5				8
9	.4	23.0	21.0	.2	.4	19.8	.8	12.5	.2	7.2	14.9	.0	4	20.4	24.7	20.5	18.1	24.8	8.9	.4	.2	.3	12.6	.3	.0			9
10	.6	21.0	.2	15.8	.7	.3	17.3	11.9	9.2	17.0	3.9	.1	21.8	25.5	19.2	22.4	.7	.9	.0	.1	.4	18.3	12.9	12.5			10	
11	P.2	19.3	.5	.6	19.3	.0	.6	.3	12.1	18.7	.8	.2	23.0	26.3	18.3	25.4	.1	9.2	.9	.0	6.1	.8	.6	.8			11	
12	9.3	18.3	.7	.5	21.1	18.4	.7	10.6	13.8	18.9	.7	.4	.7	27.1	.0	27.4	28.5	.5	.5	6.8	7.3	19.4	.5	11.9			12	
13	11.0	17.2	.9	.9	23.0	.9	18.0	.1	14.8	20.5	.7	2.0	24.0	.8	.7	28.7	22.4	.7	.3	7	8.8	.8	.5	.4		13		
14	13.8	16.3	32.3	16.2	.9	20.9	.4	9.6	15.1	.3	.6	.9	23.6	28.4	20.3	30.1	25.9	.7	.2	7	9.6	20.0	.7	.1		14		
15	16.2	15.6	.5	17.0	24.1	23.6	19.0	.3	14.7	19.7	.5	8.7	22.7	.9	22.2	31.3	24.0	.6	.1	.6	10.0	19.9	.9	.1		15		
16	19.0	.2	7	.0	23.8	25.4	.4	.0	.0	.3	4	.9	21.3	29.1	23.9	32.2	22.1	.4	8.9	.4	.1	.6	13.1	12.2			16	
17	22.3	14.7	33.0	.2	.6	26.7	.5	8.2	13.1	17.6	.3	.8	19.6	.1	25.1	.9	20.3	.2	.8	.2	9.7	.3	.2	14.5		17		
18	24.3	.3	11.1	18.4	.4	27.6	.6	.3	12.1	16.4	.3	.3	17.8	28.9	.8	33.6	18.8	.1	.5	.2	.3	18.8	.7	17.5		18		
19	.9	13.8	.1	19.2	.1	.9	.8	7.9	11.2	15.2	.3	7.7	16.3	.5	.7	34.2	17.4	.2	.2	.5	.1	.4	14.4	20.9			19	
20	.4	.4	.0	21.0	22.9	.4	20.0	.6	10.4	14.3	.3	.0	15.0	27.9	.0	.7	16.1	.3	.0	.7	.3	.1	15.0	23.7			20	
21	.9	.7	33.5	.8	.7	26.5	21.0	.4	9.8	13.3	.4	6.3	14.4	26.7	23.6	35.2	14.9	.2	.0	.7	10.0	17.9	.6	7.5.3		21		
22	26.6	14.9	31.7	22.1	.4	24.8	22.4	.2	12.6	.4	5.6	.2	25.3	21.9	.6	13.8	.0	.0	6.0	.8	.8	16.0	26.2			22		
23	27.3	16.8	30.3	.1	21.9	23.2	23.4	6.9	8.7	11.8	.4	.3	.4	24.6	20.1	.9	.0	8.7	7.9	.4	11.7	.6	.3	.8		23		
24	28.0	19.2	28.6	21.9	.4	21.5	.8	.7	.1	10.9	.2	4.9	15.2	.6	18.5	36.4	12.2	.8	.8	7.0	12.3	.6	.4	27.0		24		
25	.6	21.5	26.4	.6	.3	20.0	.6	.7	7.6	.0	.3	.5	16.2	25.5	17.3	.4	11.6	.9	.6	.5	.8	.6	.4	.3		25		
26	29.2	23.4	24.3	.3	.7	19.0	.3	.8	.2	9.0	.3	.2	17.2	26.5	16.3	.5	.3	9.1	.5	.8	13.4	.7	.4	.4		26		
27	.7	25.1	22.6	20.9	22.3	18.2	21.0	? 0	6.9	5.1	.2	.0	.8	27.1	15.1	.3	.1	.8	.1	.9	14.4	18.1	.4	.7		27		
28	.9	26.4	21.7	.4	.9	17.6	19.3	.3	.8	7.4	.2	3.8	18.0	.5	14.6	35.8	1.01	.6	.1	15.2	.8	.4	.9		28			
29	30.0	.4	19.9	23.6	.1	17.7	8.0	7.2	6.7	.2	.7	.2	.8	.3	.2	.2	.6	.7	.7	19.4	.4	.9			29			
30	.2	.5	.2	24.0	16.7	16.4	8.4	.6	.1	4	.9	.2	13.8	.1	4	.5	.5	.6	.8	.6	.4	28.1			30			
31	.5	.4	.2	15.3	.4	.5	.7	4.1	1	.6	.3	.3	.5	.5	.3	.3	.5	.5	.7	.7	.8				31			
Sums																									Sums			
Means																									Means			

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(WB-3-1-50-50M)

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU
DATA SHEET; HOURLY RECORDS

Station Memphis, Tenn. 800 am Data River Stage, USE gauge (M.R.C.)

DATE	1908 DRS												1909 DRS												SUM	MEAN	DATE			
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec						
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't						
1	12.2	12.7	34.7	33.2	29.0	30.7	28.2	17.3	10.9	5.6	4.0	5.3	5.0	12.6	32.2	28.6	32.0	25.5	27.0	22.5	11.9	8.1	6.5	12.7	1	1	1			
2	5	11.8	35.0	0	28.6	3	27.9	2	11.0	5	7	3	2	1	33.0	27.2	31.8	9	26.7	20.6	4	7.9	4	.7						
3	7	2	1	32.9	6	1	6	0	10.8	2	5.8	1	2	11.9	5	26.2	8	26.1	6	19.0	0	.9	2	.7						
4	18.0	10.6	1	.5	4	0	.2	16.6	.5	0	6.8	6.0	1	12.0	34.1	25.5	6	.2	.8	17.7	10.8	.9	.2	.5						
5	19.2	.4	.0	.3	.3	0	26.8	.2	.3	4.9	7.6	.9	.0	.6	.8	.0	.3	.3	27.1	16.8	.6	.8	.3	.3						
6	20.0	.5	34.8	.2	.1	.2	4	15.9	.2	.8	8.0	7.2	.0	13.0	35.3	24.9	.2	.4	.1	.2	4	7	.2	.0						
7	4	11.2	.5	31.8	27.8	.3	2	.5	.2	16	.0	.8	.0	.1	.8	25.2	.2	.2	.1	15.9	.0	.6	.2	11.9						
8	.9	12.6	.1	.6	.7	1	.0	.3	.0	.3	7.8	8.1	.2	12.7	36.3	24.8	.3	25.7	26.9	.5	9.7	.4	.2	.9						
9	21.2	14.6	33.3	.4	28.1	29.8	25.9	3	9.7	.3	.7	4	.0	.4	.8	.5	.5	.4	.7	.3	.3	.2	.5	12.0						
10	.3	16.6	.1	.5	.8	.7	.8	.3	.5	.3	.8	.6	.0	.3	37.6	.1	.8	.3	.4	.3	.5	6.8	.6	.5						
11	.3	18.5	32.9	.9	29.6	.6	.7	.1	.4	.3	8.1	.6	.7	.9	.4	.7	23.7	32.0	.4	.1	.3	.6	.6	.7	12.0					
12	.2	20.2	.7	32.2	39.3	4	.3	14.8	.3	.2	0	.5	.7	.8	.8	.5	.2	.6	.2	.2	.7	4	.8	16.7						
13	20.8	21.3	.8	.6	31.0	.3	24.9	.3	.2	2	7.6	.4	7	13.6	38.0	7	.4	.7	.7	.0	.6	.2	.8	17.3						
14	4	22.5	33.1	33.1	.5	.3	.3	.0	8.8	.2	.3	.8	.7	14.5	.1	24.0	.7	26.0	27.4	14.9	.5	.1	.9	.3						
15	.0	23.6	.4	.6	32.2	.2	23.7	13.6	.4	.2	0	9.3	.7	15.8	.0	.4	33.0	.6	28.4	.6	.5	.0	7.6	.1						
16	19.6	24.7	.6	34.1	.6	1	2	4	0	0	6.5	.5	.5	17.3	37.9	25.2	.2	27.4	29.6	.1	.5	5.9	8.6	16.3						
17	18.9	24.0	.9	6	33.1	28.9	22.8	.3	7.8	3.9	.2	.5	.2	19.4	9	.8	.5	28.2	30.7	13.6	.2	.7	9.7	15.7						
18	.3	27.1	34.3	.9	.6	.9	.3	.1	.6	.8	.0	.2	6.7	21.6	38.0	26.3	.5	.8	31.5	.1	10.0	11.5	10.5	14.9						
19	17.8	28.2	.6	35.1	.9	.9	21.8	12.7	.4	7	5.8	8.1	9.0	24.1	.2	.5	.3	29.3	33.2	12.7	9.9	.6	.6	.5						
20	.6	29.1	.9	.2	34.2	.9	.2	.3	.2	.7	6	.0	8.1	25.8	.4	.6	32.8	.4	.7	.2	.7	.7	.3	0						
21	.7	30.2	35.3	.1	.6	.9	20.4	.2	6.9	.7	.4	2.4	9.3	26.8	.5	.6	.1	.5	33.2	11.8	.4	.8	.0	13.2						
22	18.0	31.0	.5	34.9	.9	.9	19.7	.0	.7	.7	.0	10.5	27.4	.6	.5	21.2	.5	.6	.2	6.2	11.1	.4								
23	.7	1.6	11.6	.3	35.1	.9	.3	.0	.5	.7	0	6.6	11.9	.9	.5	22.3	30.5	.4	.7	.2	6	12.1	.0							
24	19.0	32.3	1	.1	29.0	.1	.0	.3	.8	4.9	.4	13.4	28.7	.3	.9	28.8	.2	.7	12.2	.0	7.0	14.2	12.4							
25	.0	.7	1.6	33.7	.3	.1	18.9	.0	.1	9	9	.2	14.7	24.4	.0	28.8	27.7	.0	.6	13.1	.0	.5	.7	11.5						
26	18.4	33.3	.5	32.9	.3	0	8	11.9	5.9	9	5.0	.1	15.7	30.3	32.7	29.7	26.3	28.7	.3	14.0	.1	.6	.5	10.7						
27	12.7	.7	.2	0	34.9	28.8	.5	.7	.7	.8	.0	.1	16.0	31.2	.0	30.6	25.0	.4	32.2	.2	.1	.6	.0	.1						
28	16.7	34.1	34.2	31.0	.1	.7	1	4	7	.7	.1	.2	15.8	.8	36.4	31.4	24.1	.2	30.7	.1	8.9	3	13.5	9.3						
29	15.7	.5	.4	30.2	33.0	.6	17.7	.0	.7	6	.1	.5	.0	34.9	.1	22.9	27.8	28.8	13.6	.5	.0	.1	.8.5							
30	14.7	.0	24.5	32.1	4	.5	10.9	.7	.5	.3	7.1	14.2	.3	32.7	.8	24.3	.3	22.0	.1	.3	6.8	12.9	7.7							
31	13.6	33.7	31.4	.4	.9						.6	13.4		30.5		25.0		24.7	12.5	.7										
Sums	Part X. PBM Memphis 1903 - 899 + 274.1 MSL																									Y M.R.C.		Sums	Means	
Means	PBM W 1901 - 44.2 + 228.4 MSL																									5.44				

35.55° 3/24/28

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(WB-3-1-50-50M)

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis Tenn F.W.m

Data River Stages, U.S.E. gauge (M.R.C.)

DATE	1906 A.M. DRS															1907 P.M. DRS															SUM	MEAN	DATE
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec									
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't									
1	181	27.1	12.9	28.9	24.6	10.8	15.3	14.9	12.5	11.8	8.4	29.2	22.2	39.8	20.5	35.5	21.7	17.2	25.0	25.1	14.4	9.5	7.0	11.0				1					
2	12.8	26.9	15.0	30.0	23.4	.8	14.9	.6	7	12.4	.6	28.7	21.3	40.2	21.6	.5	.7	.1	24.5	24.6	.1	9	6.9	4						2			
3	.6	.8	16.8	31.0	22.3	.9	.9	.0	7	13.3	.6	27.8	.1	.3	21.5	.5	.2	22.1	.2	23.8	.1	.0	1.0	.2	1.6				3				
4	.3	.6	18.3	.8	21.5	11.0	.9	12.2	.5	14.4	.3	26.5	22.4	.2	23.6	.3	.9	.7	.1	23.5	.0	.5	.6	.6	.7				4				
5	.0	.2	19.6	32.5	20.8	.2	.9	12.4	.2	15.4	.0	24.7	24.7	39.9	25.0	34.7	23.9	18.5	22.2	22.8	13.8	.5	.6	13.2						5			
6	.2	25.6	20.7	33.1	.2	6	.9	11.8	11.8	10.3	7.8	22.8	27.2	.6	26.1	33.8	25.1	19.5	21.4	.1	.8	.3	.6	.1				6					
7	.4	24.6	21.6	.7	19.8	.9	.8	.3	.5	17.0	.7	20.7	28.8	.1	.9	32.5	26.1	20.9	20.7	21.3	.5	.2	.6	12.6				7					
8	18.0	23.3	22.4	34.2	.6	12.4	.8	.0	.3	.8	.5	18.7	30.0	38.6	27.5	30.8	.9	22.4	0	20.6	.2	.4	.7	.0				8					
9	19.7	21.6	23.2	.8	.3	.8	.6	10.8	.1	18.3	.3	16.9	31.0	.1	.9	28.6	28.0	23.6	19.3	.0	12.9	.3	7.0	11.2				9					
10	21.5	19.7	.9	35.3	.5	13.1	.2	.8	10.8	.6	.1	15.5	.6	37.4	28.5	26.8	.7	24.7	18.6	19.4	.8	.6	.3	10.5				10					
11	22.5	17.8	24.4	.8	7	.6	13.8	.8	.7	.7	0	14.4	32.1	36.3	.9	25.5	24.4	25.6	.0	18.9	.5	.7	.5	9.7				11					
12	23.1	16.0	.7	36.3	.8	14.2	.4	7	.6	.5	6.9	13.7	.5	34.7	29.0	24.3	30.1	26.2	17.8	.2	.2	.8	.8	.0				12					
13	.1	14.3	.7	.5	.5	.7	.0	.5	.5	.1	.8	.5	.9	32.5	.1	23.5	.5	.6	.7	12.7	.0	.9	8.2	8.6				13					
14	21.8	12.9	.4	.9	.0	15.1	27	.3	.4	17.5	27	.5	33.0	29.9	.1	0	.9	.5	.3	11.8	11.0	.6	.1				14						
15	.2	11.7	23.7	.9	18.4	.2	12.2	.2	.5	18.7	.7	16	0	27.2	28.7	.0	31.7	27.3	.3	16.6	.2	.1	9.1	7.9				15					
16	21.4	10.8	.0	37.0	.0	.1	11.8	.2	.6	15.7	7	14.0	.0	24.9	.7	.1	.2	.7	.2	.1	.0	.1	.7	.7				16					
17	20.5	.2	22.2	.0	17.6	14.8	.8	.4	7	14.7	.9	15.2	.0	22.7	29.0	.5	.0	28.2	.4	15.5	10.7	.0	10.1	.7				17					
18	19.6	9.7	21.6	36.9	.3	.6	.8	.7	7	13.6	7.3	16.8	32.8	21.1	.8	.6	.0	.8	.1	.5	10.9	.5	.9				18						
19	18.7	.4	.3	.7	16.9	.5	.8	11.0	.5	12.5	8.8	18.5	.6	19.9	30.4	.6	20.9	29.2	18.3	14.7	.3	.8	.8	8.2				19					
20	17.8	.2	.1	.2	4	.3	.7	.2	.2	11.5	11.7	20.3	.7	18.9	31.1	.2	31.0	.4	19.0	.5	.3	.8	11.6	.7			20						
21	.1	.0	.1	35.8	15.7	.3	.7	.4	9.7	10.7	14.4	21.8	.8	.1	.7	22.6	.0	.5	.9	.2	.6	.9	12.5	9.4			21						
22	18.0	8.9	.2	0	14.9	.3	12.0	.7	.2	.2	18.1	23.2	.9	17.5	32.3	.1	30.7	.4	21.0	.0	.7	.7	.8	10.3			22						
23	.8	.8	.3	34.2	.2	.4	.3	12.1	8.8	9.7	21.8	24.2	33.2	.0	.7	21.6	.1	.3	.9	.5	.6	.4	.9	11.5			23						
24	20.5	.8	.9	33.2	13.6	.8	.8	.6	2	4	25.0	.8	.7	16.8	33.3	4	29.1	.1	22.5	.7	.4	9.9	.5	12.8			24						
25	22.9	.9	22.7	32.2	.0	15.3	12.1	13.0	7.7	.1	26.5	25.2	34.2	.6	.8	.3	27.5	28.9	.9	.9	.1	.5	11.9	13.8			25						
26	24.2	9.0	23.5	31.1	12.5	.8	.2	.1	7	8.9	27.5	.5	.9	17.1	34.1	.2	25.9	.7	23.3	15.0	9.7	.1	.4	14.7			26						
27	25.3	.5	24.4	29.9	.0	16.2	.4	.1	8.1	.7	28.4	.7	25.7	18.2	.6	.1	23.7	.0	.8	.3	.4	8.7	.1	15.3			27						
28	26.2	10.8	25.0	28.7	11.7	.4	.7	12.7	9.1	.5	.9	6	36.4	19.4	.9	.1	21.5	27.2	24.3	.4	.2	.3	10.9	.9			28						
29	.9	7	27.4	.3	.3	14.1	.3	10.3	.2	24.2	.2	37.3	.5	35.2	.1	19.8	26.5	.7	.4	.2	7.9	.8	16.5			29							
30	27.1	26.6	26.0	.0	15.8	.6	.1	11.2	.0	.3	24.4	38.3	.5	.5	18.5	25.7	25.0	.2	.2	.3	.8	.8	17.1			30							
31	.2	27.7	10.8	.9	.2		.1			23.5	39.0	.5		17.5	.3	14.8	.3						.1				31						
Sums	Part IX: Gauge zeros - 6.0 ft above LW 7 Dec 25 1972															1 MRC 3 MRC															Sums	Means	
Means	PBM(new) merges - 90 ft + 274.1 MSC 37.1 Sum 14.0 ft, 44.2 avg 228.3 MSC															1 MRC 6.5															Means		

NW 40.3, Feb 3, 1907

4/15-114-10)

11/51619

(WB-3-1-5C-50M)

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis Tenn 800 am

Data Rain Stages, USE gage (mrc)

DATE	1904 A.M. DRS															1905 P.M. DRS															SUM	MEAN	DATE
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec									
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't									
1	.8	20.4	13.9	3.2	1	28.6	15.7	16.7	12.1	7.1	6.2	3.6	1.8	5.3	6.0	16.6	24.1	15.0	25.7	20.2	17.2	14.9	16.7	15.0	7.4				1				
2	.6	.7	14.1	.7	24.5	16.2	.5	11.7	2	.4	.8	.6	6.8	5.0	12.0	.8	.7	24.2	.8	16.5	.1	15.0	.1	7.9				2					
3	.8	.8	.2	3.3	4	3.0	.9	.8	10.9	6.7	.6	4.2	.3	7.3	—	20.0	25.4	16.4	22.6	24.7	.1	13.1	13.4	.0	8.7				3				
4	.9	21.0	.1	3.4	0	5	18.0	17.3	.3	2.	.8	.5	.1	.5	4.0	21.9	.8	17.1	21.0	22.5	.1	12.0	12.0	14.5	16.0				4				
5	6.1	20.8	.1	.7	31.0	19.6	.8	9.8	5.8	7.0	.7	.0	.7	3.7	22.9	.9	18.0	19.7	.8	.3	11.0	11.0	.0	12.5				5					
6	—	2.	.3	3.5	5	2.0	.8	.4	.4	.2	5.0	.0	7	.0	23.1	.7	.6	18.6	23.1	.4	19.3	10.1	13.3	15.0				6					
7	—	1.	19.2	.6	3.6	7	.8	22.1	.5	8.9	.2	6.9	.0	1.9	.4	24	.1	.2	19.2	.0	.2	.4	9.7	9.4	12.7	16.9				7			
8	5.7	17.9	.8	3.7	8	23.2	22.9	.0	.7	.0	7	4.9	.9	0	22	.1	24.6	.7	12.8	.3	.1	4	8.8	.0	18.5				8				
9	—	16.1	15.2	3.6	.2	23.7	16.7	.4	4.9	.3	9	.8	0	4	1	4	23.6	20.7	17.7	.3	15.5	.1	.3	11.6	19.3				9				
10	—	2	14.6	16.0	39.0	1	.2	24.6	.7	.1	.9	5.9	.8	.8	2	.2	.6	22.3	21.2	.5	.2	.0	.0	7.9	.4	20.2				10			
11	—	0	13.2	12.3	—	0	.0	25.3	.6	2.8	.9	.5	.7	.8	2	.5	.4	20.9	.0	.0	22.9	14.0	8.8	.5	.3	.7				11			
12	4.8	12.4	15.1	—	0	31.3	.6	17.3	.5	7	.1	6	.8	4	—	.8	19.7	20.4	16.5	.4	13.2	.3	.0	.3	.9				12				
13	—	2	21.0	38.6	20.2	.7	18.3	.2	.5	4.6	.5	.8	.1	5.3	24.2	18.3	19.8	15.8	21.9	12.7	.2	6.6	.0	21.0				13					
14	—	4	.6	22.5	.4	29.8	.5	19.2	6.9	.4	.4	.5	20	6.7	8.0	22.0	17.2	18.9	.2	.6	.5	.0	.2	10.8	20.8				14				
15	—	.1	12.3	23.8	37.9	28.2	.0	20.9	.7	.3	.2	.4	.2	.7	10.5	26.0	16.4	.0	14.7	.3	.5	7.8	.5	.5	.5				15				
16	3.8	.9	24.8	.6	27.5	24.2	21.6	.5	.2	0	.4	.4	7.3	11.9	.8	15.6	17.2	.6	.3	4	.6	.8	.3	19.8				16					
17	.5	14.4	25.6	.2	24.2	23.2	.9	.4	.2	3.8	.4	.5	8.2	12.8	27.5	.0	.0	.7	.6	.2	.2	.8	.0	18.8				17					
18	.2	15.0	26.3	36.8	24.7	22.2	.9	.4	.1	.6	.3	.4	9.2	13.2	28.1	14.9	.9	15.1	22.0	.0	.4	.8	9.8	17.6				18					
19	—	.1	.8	.5	.1	23.2	21.2	.7	.4	.0	.4	.2	.2	9	2	.6	.9	20.1	.4	.2	11.8	.4	.6	.5	16.6			19					
20	—	.1	16.3	.7	35.2	21.8	20.9	.1	.3	3.9	.3	.2	1.9	10.4	2	11.8	15.0	22.5	.6	.2	.7	.7	.9	.0	15.6			20					
21	—	.2	.4	.8	24.1	20.7	.6	22.4	4	.8	.2	.1	6	7	12.9	29.0	.2	24.2	.7	21.9	.7	10.8	.8	8.5	14.8				21				
22	—	.2	.1	.7	32.6	19.8	.4	19.7	.5	4.1	.1	3.9	.3	.2	.5	28.6	.2	25.5	.7	.2	.8	14.7	6.7	.2	.0				22				
23	4.1	15.5	26.5	31.1	.2	.1	.1	.5	.9	.0	.8	.0	.8	11.9	.1	.2	26.7	.8	20.5	12.1	12.8	9.0	.0	13.5			23						
24	—	.2	14.8	25.8	29.2	18.7	19.8	.8	5.7	.0	.6	0.8	11.0	.4	27.1	.0	27.6	.9	.4	.2	19.7	10.7	.0	.3				24					
25	—	.9	.0	.2	28.1	.2	.6	.0	7.2	6.2	.0	.5	.7	.0	.4	25.5	14.8	23.2	16.1	.2	.4	20.9	11.7	.3	.5				25				
26	8.8	13.3	.2	27.1	12.7	.4	17.1	.6	.8	.0	.4	.6	10.8	12.3	24.0	.3	.7	.4	19.5	.7	21.6	12.0	.5	14.1				26					
27	12.4	.2	.9	24.4	16.8	.1	16.0	.7	.7	.0	.0	1.6	.1	13.9	22.0	.0	.8	.8	.0	13.4	.6	.4	.3	15.3				27					
28	15.9	.2	23.5	.6	.2	18.7	15.2	.9	.4	.0	2.9	.6	9.1	15.4	21.8	.0	.8	12.6	18.6	14.6	.0	.6	7.9	16.6				28					
29	18.0	.6	24.1	27.1	15.6	.0	14.6	.9	.1	.1	.7	2.2	8.3	22.0	.0	.6	18.6	.3	12.3	19.5	.7	.8	12.6				29						
30	18.1	.3	30.3	28.0	.4	17.3	13.9	.9	.0	.3	.6	.4	7.5	.7	.4	.0	18.6	.1	.6	18.3	13.4	.6	18.1				30						
31	.9	31.2	.4		.2	.9		.4		3.3	6.5		23.4		27.0		17.8	.4		14.3			.2						31				
Sums			1 MRC												3 MRC	0.42		2 MRC												Sums			
Means			39.2												14.16		21.9		28.19												Means		

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU
DATA SHEET; HOURLY RECORDS

Station - Memphis Tern. 800 a.m.

Data River Stage, USE gauge (MRC)

DATE	1902 DRS A.M.												1903 DRS P.M.												SUM	MEAN	DATE
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec			
1	11.4	10.8	6.6	23.3	12.4	13.6	12.6	19.6	11.3	4.4	8.6	8.4	28.8	10.8	34.0	36.0	34.2	18.6	20.7	143	9.7	9.9	9.3	5.3		1	
2	10.7	13.4	8.2	.9	11.9	14.9	13.0	.0	.7	5.3	7.8	9.3	.0	12.0	.2	35.2	33.8	19.0	19.7	13.9	.6	.9	.3	.7		2	
3	.7	16.2	10.0	24.7	.9	15.5	14.0	18.3	12.0	6.4	.0	10.7	26.7	13.4	.3	34.6	.3	.7	18.7	.5	.7	.9	.1	.9		3	
4	11.7	18.9	11.9	25.9	12.5	.7	15.2	.0	1	7.7	6.4	11.7	25.1	14.9	.3	31.7	21.0	.0	.0	.9	.9	.0	6.0		4		
5	13.4	21.0	14.3	27.0	13.0	.6	17.0	17.4	11.9	8.3	5.9	12.7	23.6	15.8	.4	33.3	29.6	22.7	17.7	12.6	10.3	10.0	8.9	5.8		5	
6	15.3	22.5	16.9	.8	4	4	19.0	16.7	.5	.8	4	13.5	22.3	16.8	.3	32.5	27.7	24.6	.5	.2	11.0	.0	.8	.4		6	
7	12.6	23.7	19.3	28.5	.9	4	20.5	.0	.2	9.3	4.9	.9	21.4	18.6	.3	31.6	25.8	26.0	16.4	11.8	.7	.0	.7	.0		7	
8	19.3	24.3	21.7	29.0	14.4	.3	21.7	15.2	.1	.8	.6	14.4	20.7	21.3	.5	30.8	23.8	27.5	.1	.5	12.1	.0	.5	4.6		8	
9	20.5	25.0	23.4	.2	.6	.1	22.2	14.5	.2	10.2	.3	15.2	.6	23.9	.6	.1	25.0	18.6	15.7	.2	0	.0	.3	.1		9	
10	21.0	.4	24.7	.6	.5	14.7	.3	.0	.1	.5	.0	16.0	.7	25.8	.7	29.4	20.6	29.7	.2	.0	11.7	.1	.2	3.9		10	
11	.0	.5	25.7	.4	13.7	.2	.2	13.6	10.8	11.1	.0	.5	.9	27.1	35.2	28.8	19.3	30.6	18.8	.0	.4	.4	.2	.5		11	
12	20.9	.2	26.9	.3	12.7	13.6	.1	.2	.2	.8	.1	.7	21.2	28.2	.6	.5	18.3	31.0	.5	.5	.2	.7	.4	.3		12	
13	.2	24.4	27.7	28.8	11.6	.1	21.8	12.9	9.5	12.5	.2	.6	.3	29.0	36.1	.3	17.3	.5	.5	12.1	.3	11.4	.1	.1		13	
14	19.0	22.7	28.4	27.8	10.8	12.8	6	6	8.7	.8	.5	.2	.2	.6	.8	.5	.0	.9	.4	.5	4.2	.4	.5	2.9		14	
15	17.4	20.4	29.0	26.3	.2	.8	.2	.2	.0	.4	.8	.8	20.9	30.1	.6	16.6	32.3	.2	.7	.5	.8	.3	.6		15		
16	15.3	18.8	.5	24.2	9.9	13.0	.0	11.9	7.5	11.9	.9	17.6	.4	.8	39.1	29.1	.0	.5	.0	.8	.9	13.2	.1	.4		16	
17	12.8	15.0	30.0	22.0	.8	.1	20.8	7	6.9	.4	.9	19.2	19.3	.4	31.4	.4	.7	15.3	.8	13.7	.7	12.6	.2	7.9	.1		17
18	10.4	12.3	.3	20.3	.8	.3	.7	.1	.5	10.8	.7	22.0	18.5	.8	.6	30.3	14.9	33.0	.5	.5	13.0	.1	.5	1.8		18	
19	.8	10.5	.5	19.2	.7	.7	.7	10.7	.0	.1	.5	24.0	17.2	32.3	4.0	0	.9	.7	.0	.4	.3	12.9	.2	.3		19	
20	6.7	9.0	.8	18.9	.5	.8	.6	2	5.4	9.8	4	25.4	16.1	.6	-1	31.7	.8	.0	.6	.3	.5	.5	6.9	.3		20	
21	.5	8.0	7.8	.9	.4	.2	.6	9.7	.1	.4	.4	26.7	15.1	.9	39.8	32.0	15.4	32.7	14.1	.1	.5	.1	.6	.1		21	
22	4.9	7.0	.7	19.1	.3	.4	.7	4	4.3	.2	.3	27.3	14.2	33.1	.6	.7	16.1	.1	.8	11.9	.4	11.7	.3	.0		22	
23	.4	6.2	.6	.1	.1	.1	.8	3	.5	.1	.5	28.0	13.6	.2	.5	33.0	.7	31.3	15.1	.8	.2	.3	.1	X.0		23	
24	.2	5.8	.0	18.9	.0	12.8	.8	.3	.1	.1	5.0	.6	.0	.3	4	.2	.8	29.7	.0	.9	.0	.0	.0	.3		24	
25	.0	4	29.4	.3	.0	.5	.6	.6	3.8	.1	.8	29.0	12.5	.3	.1	.5	.7	27.9	14.7	.9	12.7	10.8	.0	.9		25	
26	.7	.1	28.6	17.5	8.8	.2	4	18.1	.5	.4	6.5	4	11.9	.4	38.8	.9	.4	26.1	.4	.8	.3	.6	.0	3.0		26	
27	.5	.1	.0	16.4	.6	11.9	.2	4	.2	.8	.8	.7	.4	.6	.5	38.0	.0	24.3	.2	.6	11.7	.4	.0	.9		27	
28	.5	.6	26.9	15.4	.5	.8	.0	.8	.0	16.0	7.0	.9	.1	.9	.2	3	15.8	23.8	.1	.2	.1	.2	.0	4.5		28	
29	.6	25.7	14.9	9.0	12.3	19.9	11.0	Q.0	.0	.2	20.0	16.7	.3	37.6	.3	.9	22.5	.1	10.7	10.5	.0	.5	.8		29		
30	7.6	24.5	13.3	10.3	.6	.7	0	4	9.7	.5	.0	4	.1	.4	16.7	21.6	.3	.2	.1	9.7	.7	5.2		30			
31	9.1	23.7	12.0	.4	.1	.3	.3	29.5	.4	36.7	17.7	.7	.7	9.9	.5	.6									31		
Sums	Part III: 1 ft 0.9 - 21 ft Gage reconstructed 1904, 3 sections, foot of Beale St. 20 ft above ground. -3 ft 4.5, extension of sand down to low, stop supported by pile. 4.5 ft 42.7 ft, medium, I-beam concrete. 41.8 ft 46.5 m N. pier of RR trestle near top of record section.												FROM Memphis (new) (old one destroyed) 3 ft above ground 27.3 ft MSL on 11, 1901, 4 ft + 22.8 MSL Hw 40.1 ft, March 20, 1903.												Sums		Means

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU
DATA SHEET; HOURLY RECORDS

Station - Memphis Tenn 8:00 a.m.

Data River Stages, US Gauge (MRC)

DATE	1900 A.M. DRS												1901 P.M.												SUM	MEAN	DATE
	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec			
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't			
1	10.6	16.1	20.9	24.5	22.1	8.8	22.5	10.2	4.6	3.0	5.6	20.1	4.3	10.3	4.7	20.6	3.0.9	18.5	17.0	5.6	15.0	6.9	1.2	-0.3		1	
2	.3	15.3	.0	23.9	21.4	.8	23.2	.5	.5	.0	.7	.9	4	9.6	.5	21.0	31.2	19.3	18.0	4	13.7	.4	.1	-0.3		2	
3	9.5	14.2	19.3	.2	20.3	.9	.6	.8	.5	.1	.8	21.9	.5	.3	.3	.5	.5	.9	.8	.1	12.5	.5	.7	.0	-0.2		3
4	8.4	13.0	18.8	22.2	19.5	9.2	.6	11.0	.6	.3	.8	22.8	.5	.3	.2	22.2	.8	.9	19.0	4.9	11.0	4.9	.0	0.0		4	
5	7.3	11.4	.3	21.0	18.5	.6	.3	.1	.8	.5	.6	23.5	4	.0	.2	23.3	32.0	.6	1	.7	9.7	.5	0.8	+0.1		5	
6	6.7	10.0	.1	20.0	17.3	10.0	22.7	.2	.5	.1	.9	4.4	.4	.2	.0	24.4	32.12	.3	18.5	.6	8.6	.3	.9	.8	.2		6
7	5.2	8.6	.0	19.2	15.5	.5	21.6	.0	.4	4.3	.4	.1	.6	.8	.3	25.1	32.1	.4	17.5	.5	7.6	.5	.7	.2		7	
8	4.7	7.6	.0	18.5	14.2	11.6	20.3	10.6	.4	.8	.3	23.7	7	10.8	.5	.8	.0	.6	16.5	4	.0	.0	.6	.2		8	
9	3.9	.0	.3	.0	.0	12.6	18.8	.0	.3	5.0	.3	22.9	.8	11.9	.4	26.3	31.7	.9	14.8	.3	6.5	2.8	.5	.6		9	
10	.3	6.7	19.8	17.6	13.4	13.3	17.3	9.4	.3	.3	.3	21.6	7.0	12.8	7	7	.2	.9	13.5	3.9	.2	.6	.4	1.2		10	
11	.6	7.1	23.1	.9	.1	.8	15.7	8.7	.1	.5	.5	20.2	.1	13.3	4.2	27.0	30.3	.6	12.6	.7	.0	.4	.3	.7		11	
12	.6	9.5	24.2	.9	12.7	14.0	14.1	.3	4.9	.7	.7	18.5	6.8	.5	.8	.5	28.6	1	11.6	.5	5.7	.4	.2	.2		12	
13	.5	12.6	25.7	.9	.4	.0	12.8	7.4	.5	.9	.6	16.9	.5	.3	6.3	28.0	26.4	18.6	10.8	.3	.5	.4	.2	.2		13	
14	.4	15.5	26.2	.8	.1	13.9	11.6	6.6	.1	6.2	.5	15.5	2	.0	9.0	.5	23.3	12.8	.6	.0	6	.4	.1	.6		14	
15	.4	17.8	27.6	18.1	11.8	.8	10.5	5.9	3.7	.1	4	14.7	.5	12.5	13.0	.8	20.2	.1	.3	.0	4	.6	.1	.8		15	
16	.8	19.4	28.2	.6	.5	15.1	.0	.2	.4	5.9	.3	.0	7.8	.1	17.5	29.0	17.3	16.3	.0	.1	.0	.8	.1	3.2		16	
17	4.1	20.3	.6	19.3	.4	.0	9.3	4.7	.0	.7	.1	13.5	.9	.9	11.4	21.0	28.9	15.4	15.8	.9	.5	4.6	.3	0.0	4.4		17
18	.5	21.0	29.1	.7	.3	16.0	8.8	.1	2.6	.6	.5	12.5	10.6	22.5	.8	14.0	.4	.0	4.5	.4	2.8	0.0	6.3		18		
19	7.1	.7	21.1	20.0	10.9	18.2	3	3.6	4	.6	.8	12.3	14.0	0	23.1	7	13.2	2	8.7	5.1	.4	.5	0.0	7.7		19	
20	8.5	22.2	.5	19.7	.4	18.8	7.8	.2	.3	.5	.7	11.7	15.2	9.3	.5	.5	12.8	.0	.5	.7	.6	.2	0.0	9.0		20	
21	9.3	.9	.3	.3	9.8	.6	.4	.0	.2	.1	6.2	10.8	16.7	8.6	.8	.2	.5	14.6	.1	7.0	.9	.0	-0.1	10.6		21	
22	10.1	22.3	.0	.2	.4	.1	.0	2.8	.1	4.9	.5	9.8	17.8	.0	.8	.3	4	.1	7.8	9.2	.5	.4	.0	-0.1	12.6		22
23	11.3	.6	28.2	.5	.1	16.8	6.9	.8	.1	.7	.7	8.9	18.5	7.6	.6	.1	.3	13.5	.5	11.0	6.2	1.9	0.0	14.6		23	
24	12.9	.6	27.2	20.3	.0	.3	.8	3.0	2.0	.4	7.8	.0	.8	.0	.5	.0	.3	.0	.0	12.8	.8	.9	0.0	16.2		24	
25	14.5	.6	26.2	21.0	8.9	.0	.7	.5	1.9	.6	9.9	7.2	0	6.6	4	.2	.6	12.9	6.9	14.0	7.2	.9	-0.1	17.5		25	
26	15.7	.2	25.0	.6	.7	.3	7.0	4.0	2.1	.7	12.2	6.6	16.2	.0	.2	.5	.7	13.2	.8	15.0	8.0	.9	-0.2	18.2		26	
27	16.3	22.5	24.4	22.0	.6	17.8	.5	.4	.4	.9	18.6	.2	15.0	.5	.5	22.9	29.0	.8	14.0	.6	.8	.4	.8	-0.2	17.9		27
28	17.0	21.8	.1	.3	.5	19.0	8.5	.5	.7	5.1	16.6	.0	13.6	.0	.5	.5	13.5	15.0	4	16.4	.5	.7	-0.2	.0		28	
29	.3	.2	.6	.5	20.2	9.4	.6	.9	.3	1.80	.0	12.6	.0	30.0	14.4	.9	.1	.7	.1	.6	-0.2	15.7		29			
30	.1	.3	.6	.6	21.4	10.0	.6	3.0	.4	19.1	5.6	11.8	.2	21.5	.5	16.0	16.6	.5	7.7	.4	-0.2	14.3		30			
31	16.8	.7	.7	.2	.6	.5	.5	.1	.0	.0	.0	18.0	.0	.8	.8	15.9	.3	.3	.1	.2	.7	.1	12.7		31		
Sums																									Sums		
Means																									Means		

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis, Tenn 8 w a.m.

Data Rain stages U.S.gage (inches)

DATE	1898 A.M. DRS												1899 P.M. DRS												SUM	MEAN	DATE		
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec					
1	11.8	23.3	17.7	23.3	21.0	24.9	16.3	8.7	9.1	6.3	9.0	10.5	15.3	24.3	22.0	35.3	26.2	22.4	15.9	11.6	5.5	22.0	0.5	3.0		1			
2	.8	.5	.7	.8	.3	.2	17.1	9.0	.0	.5	.4	.5	.6	23.0	24.1	# 2	.3	21.9	.7	4	.5	.2	.1	.5	.2	2.9		2	
3	10.5	.6	.6	34.2	.3	23.5	.9	.4	8.8	.9	10.8	.2	.6	21.3	26.1	.3	.2	.3	.7	.2	4.9	1.9	.6	.8			3		
4	9.7	.6	.4	.8	20.7	.0	18.2	.7	.6	7.3	11.6	9.9	.3	19.9	27.6	3	.0	20.6	.5	.0	.7	.8	.7	.7			4		
5	8.7	.6	.1	35.5	.3	22.2	.2	.9	.1	.3	.7	.2	.0	18.4	28.8	3	25.7	.0	.4	10.8	.6	.7	.8	.8		5			
6	.1	.6	16.6	36.1	.3	21.6	17.9	10.2	7.7	6.8	.4	8.3	14.2	16.6	29.6	2	.2	19.3	.4	6	4	.6	.8	.8		6			
7	7.3	.5	.0	.5	.9	20.9	.3	.7	.1	.3	10.7	7.7	13.8	14.0	10.2	3	24.3	.5	.6	4	.1	6	.8	.7		7			
8	6.9	.1	15.1	.8	21.9	.4	16.3	11.2	6.5	5.8	9.9	.2	.5	14.0	.7	3	23.2	.5	.9	2	.0	.4	.8	.6		8			
9	.0	32.3	14.2	37.1	22.9	19.8	15.8	.5	.0	.4	.1	6.8	.3	31.1	3	22.3	.6	16.2	.9	3.8	.3	.9	.6	.6		9			
10	5.5	.1	31.1	13.2	# 2	23.5	.1	.0	.9	5.8	.1	8.5	.6	14.0	15.5	.5	3	21.5	.6	.4	.7	.2	.2	1.0	.5		10		
11	.3	29.1	12.2	.3	.7	18.3	.0	.7	6.2	4.9	7.9	.5	16.1	17.2	.8	2	20.9	.5	.5	.4	.1	.2	.1	.5		11			
12	.8	26.4	11.3	.3	.5	17.3	.8	.5	7.3	.6	.5	.5	18.5	19.1	32.1	2	.5	4	.2	.2	.0	.0	.2	.5		12			
13	6.3	23.4	10.8	.1	.5	16.5	16.2	.7	.3	.9	.2	.7	20.8	20.7	.4	2	7	.4	.1	.0	.2	.0	.3	.5		13			
14	.9	20.3	.4	36.9	.3	15.9	.2	12.7	9.0	5.8	.4	.9	22.9	22.1	.5	.0	21.3	.4	.1	.9	.9	.0	.5	.7		14			
15	9.5	17.0	.3	.8	22.8	.6	15.9	15.0	.3	6.6	8.0	7.0	24.6	.9	.7	34.9	22.3	.4	.1	10.7	.9	0.9	.6	.7		15			
16	13.7	14.7	12.3	.5	.2	.9	.2	.7	.2	.9	.5	6.9	26.3	23.8	.9	6	23.6	.6	.0	11.2	.9	.8	.2	.7		16			
17	17.8	13.0	14.0	.0	21.5	16.5	14.2	16.2	8.9	.9	9.2	.6	27.5	24.1	33.2	2	24.4	.8	.0	3	.8	.8	.8	.3		17			
18	20.8	12.2	17.0	35.5	.1	20.8	17.1	13.5	.3	.4	.7	10.0	.5	28.0	.1	.5	32.7	.6	.9	15.7	.3	.8	.5	2.0		18			
19	22.7	11.9	20.0	.0	.1	.6	12.7	17.6	7.8	.4	11.0	.1	.5	23.7	.7	.0	25.0	.5	2	.4	.8	.7	.2	6.6		19			
20	24.9	12.0	22.0	33.9	19.9	18.2	11.9	.8	.3	.1	.9	5.9	.7	22.6	34.0	31.9	.0	18.9	14.6	.0	.8	7	.2	7.8		20			
21	26.4	.3	23.5	32.4	20.3	.8	.2	19.1	.1	.5	.7	12.1	.8	.9	21.4	.2	.0	24.7	.5	.2	10.4	.6	.7	.1	.8		21		
22	27.8	.8	24.8	30.4	21.3	19.2	10.4	.0	.3	.3	.4	.8	29.0	20.4	.4	28.6	.0	.2	13.8	.9	.5	.8	.8	.2		22			
23	29.2	13.7	26.0	28.2	.9	.1	9.5	18.3	.5	.1	.5	9	.0	19.7	.6	26.9	23.3	.1	.6	.1	.3	.8	.9	.2		23			
24	30.0	15.0	27.0	26.6	22.4	18.7	8.3	12.3	.5	.1	.3	6.3	.0	.2	.7	25.1	22.4	.1	.5	8.6	.6	.8	3.0	.3		24			
25	31.0	16.1	28.1	25.7	23.3	17.9	7.9	16.1	.2	.4	11.9	.5	28.9	18.4	.8	23.8	21.7	.0	.4	.1	.6	.8	.1	.4		25			
26	.2	17.0	29.2	23.6	24.7	.0	8.5	14.9	6.7	6.0	.7	7.0	4	.3	35.0	4	.2	17.8	12.8	.7	.5	.8	.2	9.4		26			
27	32.0	.7	30.0	22.4	25.7	16.0	.3	13.5	.1	.9	.0	8.2	.1	.7	.0	.6	.2	.4	.6	.4	.4	.7	.2	10.2		27			
28	.4	.9	31.0	21.5	26.3	15.8	7.8	12.1	5.8	7.9	10.5	1.00	22.7	20.0	.1	24.4	.6	16.8	.3	.0	.4	.6	.9	.6		28			
29	.7	.6	20.7	.3	.6	7	11.5	.8	8.6	.2	11.7	.1	.2	.2	25.3	22.0	.4	.2	6.5	.3	.7	.7	.3	.9		29			
30	33.0	.3	32.2	.8	.2	.8	.9	10.0	.9	.9	.3	13.4	26.5	.3	.8	.5	.1	.0	6.1	.2	.6	.0	11.0		30				
31	.2	.9	25.7			8.2	9.2	.9		14.6	25.6	.3	.5	.5		11.8	.5	.7	.2	.5		10.7		31					
Sums			# 37.2										4.5			# 35.2							0.54			Sums			
Means			41.0										10.12			41.11							10.31	and	11.11	Means			

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU
DATA SHEET; HOURLY RECORDS

Station Memphis Tenn. 8 m.m.

Data River Stage U.S.E. gage (MCC)

DATE	1896 DRS																		1897 DRS																		SUM	MEAN	DATE
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec															
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't															
1	16.8	4.6	12.0	23.5	10.4	2.40	13.4	2.33	8.0	3.7	2.7	58	73	12.7	2.74	3.64	3.72	172	163	152	57	16	0.4	32												1			
2	12.4	5.3	10.7	.4	6	.2	7	2	7.6	6	7	75	68	12.3	285	3	3.23	165	9	160	6	5	4	3												2			
3	.9	6.4	9.8	1	11.0	.3	14.0	22.9	.4	2	5	80	1	11.0	29.3	3	315	0	177	4	4	5	6												3				
4	.9	7.5	2	4	7	.3	0	.9	.1	0	5	119	1	9.7	.9	3	0	154	183	2	4	3	5	7											4				
5	.5	9.0	8.9	.6	12.3	.2	.2	.9	.0	2.8	5	136	50	89	30.9	4	306	149	3	159	2	3	6	8											5				
6	.1	11.8	.8	25.2	13.0	23.9	7	.8	6.7	.5	6	147	.6	5	31.0	3	3	2	1	3	0	2	5	9											6				
7	16.6	14.7	8	.9	2	7	15.2	6	3	3	8	155	66	.0	.8	2	0	139	1	145	48	1	6	9										7					
8	15.8	16.8	.7	24.6	2	.3	7	.5	58	7	3.0	162	121	9.0	323	1	29.8	7	0	138	4	1	6	7									8						
9	14.9	18.2	.7	27.3	.0	.0	16.0	3	.1	3.3	1	6	164	102	9	0	7	3	178	0	2	0	6	5									9						
10	139	19.0	9.1	.8	12.7	22.6	2	21.8	4.7	41	.7	6	186	112	334	0	5	6	1	123	0	0.9	5	5									10						
11	12.9	.5	.6	28.2	.3	.2	3	.6	.3	55	42	153	19.8	136	340	0	2	8	166	116	37	9	4	40										11					
12	11.9	.8	10.0	.6	.0	21.3	.3	.3	.0	61	4	143	.5	159	.7	358	1	8	1	1	4	8	6	6										12					
13	.0	20.1	.1	29.0	11.8	207	.1	207	3.3	71	3	120	180	180	353	7	287	7	1	107	3	8	6	9									13						
14	9.9	.5	.3	.3	.9	.2	159	199	.0	7	3	119	171	200	360	7	3	5	0	4	0	7	7	50										14					
15	.0	.7	.4	.4	.9	195	.1	189	26	.8	0	109	160	221	.3	8	276	2	157	2	29	7	8	0									15						
16	8.3	21.3	.6	.5	.9	187	14.8	177	.5	.5	0	2	141	233	.4	8	268	128	2	97	9	7	9	46										16					
17	7.2	22.0	.7	.0	.9	.0	3	164	.1	.0	1	96	134	243	.6	7	0	5	143	3	9	6	12	5									17						
18	6.4	23.0	.2	27.6	7	170	7	14.7	1.9	6.3	6	2	128	.8	8	6	258	2	136	0	7	6	5	4									18						
19	.57	.6	.1	25.7	.5	155	15.3	137	.9	5.7	55	3	117	250	371	6	.3	0	128	87	5	5	9	6									19						
20	.1	.8	.2	23.0	.3	.0	.8	125	48	.0	63	.8	129	1	5	.5	118	2	5	4	5	2	2	50										20					
21	4.6	.5	11.1	20.2	.0	14.4	16.1	114	.9	4.2	6	9	134	249	1	4	.7	8	117	2	2	4	3	3									21						
22	.2	.3	12.5	17.1	.1	13.9	.5	105	.9	.0	6	102	140	.5	0	4	.8	9	4	78	1	4	2	2								22							
23	.0	22.8	14.0	150	125	9	17.2	9.9	20	35	7	115	153	1	369	3	260	120	4	6	19	4	0	1								23							
24	3.8	21.9	15.8	135	150	9	182	.7	.2	2	6	5	167	238	8	1	0	1	3	3	9	3	1.9	1									24						
25	.7	20.4	17.7	125	17.0	8	199	.7	.4	2.8	4	0	177	.8	7	0	254	4	4	1	8	3	.9	5									25						
26	.5	18.6	19.8	11.9	18.8	7	21.8	.8	.7	6	0	106	181	242	6	348	244	8	4	6.8	7	3	20	69										26					
27	.3	16.9	21.5	.4	20.0	.5	2.39	9	3.5	.4	0	0	179	251	4	6	230	136	5	6	6	3	4	89										27					
28	.7	15.1	22.4	.0	21.0	.2	24.4	.8	.9	4	0	9.4	180	264	3	4	215	140	5	4	6	3	6	10.4										28					
29	.7	135	23.9	108	220	.0	.5	.4	40	.5	59	8.9	175	2	1	201	.7	8	3	6	3	8	11.5										29						
30	.9	.8	.5	23.0	.0	.2	.0	.1	.6	9	0	167	2	339	181	157	127	1	6	2	8	121										30							
31	.9	6	.6	237	8.7	.7	7	78	150		3	181	140	0																			31						
Sums	Part V1 stage at Balcony Inclined - 3 ft 39 ft																		USBM in 80.4 ft and 263.1 ft MSL																		Sums		
Means	# 1.8																		# 0.25																		Means		
	HW, 37.3, April 11, 12, 1898.																		3/20																		(WB-3-1-5C-50M)		
	9/19-20																		10/27-31																				

1893-1895, not exact as given in " "

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station - Memphis, Tenn

8 a.m. + 4 p.m. $\frac{1}{2}$

Data River Stage USE gauge (in RC)

DATE	1894												1895												SUM	MEAN	DATE
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec			
1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't				
1	7.9	10.9	21.2	20.9	16.4	14.8	11.6	4.6	1.7	1.0	-1.2	-0.2	31	17.8	37	228	134	82	62	83	32	-0.6	-24	0.2	1		
2	4	3	20.1	4	15.5	16.0	8	5	6	0.9	-1.2	0.0	25	0	43	218	123	79	1	5	4	-0.8	-24	.7	2		
3	6.8	1	19.0	19.9	14.8	17.0	12.0	5	4	.8	-1.3	0.0	1	16.1	9	20.4	11.3	8	2	7	.6	-0.9	-25	1.1	3		
4	1	2	17.8	4	4	9	0	4	2	.6	-1.2	0.0	1	15.0	57	18.9	10.5	8	4	9	.6	-1.0	-25	3	4		
5	5.8	0	0	18.8	4	18.2	11.8	.2	.1	5	-13	+0.2	2	136	6.7	17.4	98	8	.7	95	.5	-13	-26	3	5		
6	8	4	16.8	.2	.6	.1	4	.1	.0	.8	-14	4	4	121	80	155	2	5	.9	150	.5	-14	-26	4	6		
7	7	11.8	6	0	15.0	17.4	2	0	0.8	1.0	-1.4	4	5	108	95	146	86	0	7.2	9.9	.7	-14	-21	#3	7		
8	9	15.0	.6	0	.5	16.7	10.8	3.9	.8	2	-14	4	5	95	10.9	.3	2	6.6	.6	4.1	-15	-26	0	8			
9	6.4	17.6	17.4	.0	.8	15.9	.7	.8	.9	2	-1.3	.5	1	81	12.3	13.8	7.7	1	.8	8.6	3	-15	-27	0.6	9		
10	7.5	19.8	18.8	.2	16.2	.2	7	6	1.0	0	-1.2	7	19	68	139	.1	3	57	8.0	7.0	4	-15	-25	2	10		
11	8.8	22.0	21.0	.1	17.1	14.8	8	4	1.0	0.8	-12	18	20	59	15.7	125	0	.3	9	68	.5	-15	-25	-0.1	11		
12	10.0	24.0	22.6	2	18.2	4	6	.1	1.0	.6	-11	7	3	3	17.8	.0	.1	1	10.6	.1	6	-15	-25	-0.5	12		
13	.6	25.5	23.8	6	19.2	.1	.3	2.8	1.0	4	-1.0	6	4.6	4.9	19.1	11.9	.1	4.8	115	55	7	-16	-21	-0.6	13		
14	.8	26.8	24.3	19.3	20.0	0	96	.6	1.0	2	-0.9	4	8.9	.4	.7	122	0	.6	6	.0	50	-16	-25	-0.6	14		
15	11.0	27.7	.3	.8	.6	13.7	0	.4	1.0	.1	-09	.3	121	3.8	.6	13.2	0	.4	4	4.7	44	-17	-24	-0.5	15		
16	.1	28.3	23.9	.9	.6	4	8.6	.2	.1	0.0	-0.9	.3	14.6	.0	.0	14.2	.2	.8	10.9	.4	.3	-17	-23	-0.5	16		
17	1	28.6	.2	20.1	.2	2	.2	0	0	-0.1	-0.9	.6	17.0	24	18.1	15.3	4	5.2	2	.1	.0	-17	-23	-0.5	17		
18	0	.8	22.5	.3	19.4	1	7.7	0	0.9	-0.2	-1.0	1.1	18.8	18	12.6	16.0	7	.9	94	3.8	38	17	-23	-0.7	18		
19	10.8	29.0	.5	21.0	18.6	.0	2	1.8	.9	-0.3	-1.0	.8	20.4	.8	.1	7	7	6.7	87	.3	2.9	-16	-23	-0.8	19		
20	9	29.0	.9	.4	17.8	.0	6.8	.6	.9	-0.5	-1.0	2.7	218	.7	.5	17.3	7	.5	.3	2.9	4	-17	-23	-0.8	20		
21	.8	28.8	.8	22.0	.0	12.9	4	4	1.0	-0.6	-1.0	4.0	228	.6	.7	7	.6	.6	.0	.5	1.9	-17	-23	-0.7	21		
22	.8	.3	.2	.8	16.0	.8	0	.3	.2	-0.7	-0.9	5.1	235	.6	18.1	.9	.6	.8	7.8	.1	.5	-18	-24	-0.6	22		
23	11.0	27.7	21.7	23.6	15.2	5	5.8	2	.6	-0.8	-0.7	6	.9	6	19.3	18.3	.9	.9	5	19	.2	-18	-23	-0.3	23		
24	2	26.8	4	.6	14.4	2	6	.2	.6	-0.8	-0.6	8	24.0	7	20.7	4	8.4	.8	4	8	.0	-19	-22	4.2	24		
25	.4	25.9	4	.0	13.8	.0	.5	.3	.4	-0.9	-0.4	.9	.0	.7	22.1	.4	9.0	.7	.3	8	0.8	-20	-20	104	25		
26	.8	24.7	.5	22.0	.3	11.9	4	.4	.3	-0.9	-0.3	.6	23.6	.9	23.2	.3	.6	.5	4	9	.8	-21	-16	140	26		
27	12.0	23.5	4	20.9	12.8	.8	2	.5	.2	-1.0	-0.2	4	22.9	24	.2	17.9	.9	.5	.4	21	.5	-21	-15	153	27		
28	.3	22.3	6	19.6	4	.8	.1	.5	.1	-1.0	-0.1	0	0	3.0	.8	.0	9	.5	.7	4	1	-22	14	165	28		
29	.2	.8	18.4	.2	.6	0	.5	.1	-1.0	-0.1	4.6	21.0	24.0	15.9	.6	.6	8.0	6	-0.2	-22	-0.8	158	29				
30	11.9	.6	17.4	.6	.6	4.8	.6	.0	-1.1	-0.2	1	19.9	23.8	14.6	.2	.4	.1	8	-0.4	-23	-0.2	157	30				
31	.4	.3	.3	13.6		7	.6	-1.1		3.6	18.9	.5	87		.2	3.0		-23		15.9				31			
Sums	Part IV, 1893-1895 at the Second gauge located in 1893 at foot of "Beale Street," 3/4 mile below former gauge and is attached to inclined tramway of Pittsburgh Coal Co., gradually \downarrow 24.05																							Sums			
Means	LW, -2.7 Nov 9, 1895. -1/23-24																							Means			

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis Tenn 8:00 a.m. + 40 fm -2

Data River Stages USE gauge (MRC)

DATE	1892 A. M.															1893 P. M.															SUM	MEAN	DATE
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't									
1	15.5	18.8	22.9	24.5	34.5	34.4	24.9	17.4	7.6	4.8	1.8	4.6	9.8	3.3	32.6	23.2	33.1	31.6	17.6	8.5	4.2	3.4	4.6	3.0			1						
2	16.0	17.8	3	25.1	34.6	4	8	16.5	5	6	9	6	6	4	8	22.5	2.2	8	7	3	3.8	3	2	2.9			2						
3	2	16.5	21.9	6	34.6	3	25.0	15.8	4	4	2.0	8	10.2	5	33.0	21.9	3	32.2	4	1	4	2	1	9			3						
4	7	15.1	4	26.1	5	2	1	1	3	2	2	8	11.0	6	32.9	4	4	4	16.9	10	2	2	2	2	.8		4						
5	17.2	14.0	20.8	.8	.5	1	1	14.6	2	1	.3	.8	7	4.2	.9	0	.6	.6	.3	.0	.0	.1	2	3.0			5						
6	6	13.0	19.9	27.8	.4	.0	.0	.1	.1	.0	.3	.9	12.3	.5	.9	20.6	.8	.9	15.9	.0	2.8	.1	2	.2			6						
7	.8	12.7	.0	28.9	2	.0	.1	13.6	.0	.0	2	5.1	2	9.4	7	.3	34.0	33.1	.6	.0	.6	0	2	.6			7						
8	.6	18.2	29.9	.0	33.9	.8	.2	6.8	3.8	.0	.3	11.6	12.6	31.8	19.7	.3	.2	.2	7.9	.6	2.8	.0	.8				8						
9	.3	.8	17.6	30.6	33.8	.9	26.4	12.9	.6	6	0	.4	10.8	14.8	30.2	1	.6	.4	.1	6	3.0	7	3.8	4.4			9						
10	16.6	13.8	.2	31.3	.6	.9	.8	4	.5	4	0	.3	.1	16.0	28.2	184	.8	.5	.5	4	4	.8	.7	5.3			10						
11	15.8	15.6	16.9	32.0	.0	8	27.0	.2	.4	.3	0	.2	9.5	.3	26.2	17.8	.9	.5	16.2	7.0	.5	3.0	.5	6.0			11						
12	14.7	17.4	17.1	4	32.3	.8	.4	0	.4	1	.1	.2	8.4	.5	24.8	.4	35.0	.5	.5	6.6	.6	.4	4	.7			12						
13	13.8	19.0	.8	.8	31.8	.8	.8	11.8	4	0	0	6.3	7.5	17.0	.0	.5	.0	.5	.2	.3	.5	.6	.3	.7.3			13						
14	12.7	20.1	19.0	33.0	.4	7	28.2	.7	0	2.8	.0	.9	6.6	.8	.2	18.6	.1	.5	15.7	.0	.6	.6	.2	.8			14						
15	11.8	.8	.6	4	2	.6	.6	.6	.58	.7	1	7.3	5.4	18.8	.8	20.9	35.2	.4	.2	5.8	.8	.6	.1	8.0			15						
16	.4	21.2	20.1	.5	.2	.6	.6	.5	.5	.6	.2	.8.2	4.6	20.3	25.1	24.4	35.2	.2	14.4	.7	4.0	.8	.3	.0			16						
17	10.5	.3	.3	.5	.4	.5	.7	.5	.8	.4	.4	9.0	3.3	22.4	.6	26.6	35.2	32.8	13.8	.6	.1	.8	.6	.7.8			17						
18	.0	.4	.3	.6	.8	4	.6	.3	6.1	.3	.6	.9	2.4	24.4	26.0	28.2	.1	31.4	.3	.6	.1	.6	.7	.4			18						
19	.8	.5	.2	.6	32.0	.2	.3	0	2	3	.8	10.5	4	26.1	.3	29.2	.0	30.6	12.6	4	3.8	.5	.7	.2			19						
20	11.9	.7	.0	.6	.3	0	27.9	10.8	.2	2	3.2	11.3	4	27.4	.6	30.1	.0	28.9	11.7	.1	.6	.3	.6	6.9			20						
21	13.4	.7	19.7	34.2	.6	32.8	.4	.4	0	21	4	12.3	.2	28.5	.8	.9	.0	27.0	.4	.0	.8	.2	.7	.8			21						
22	16.0	.6	6	3	.9	3	26.7	.1	5.8	1	.5	13.2	0	29.2	27.2	31.5	34.9	25.0	.4	4.8	4.3	.0	.8	.8			22						
23	18.8	.8	.3	.3	33.0	31.5	0	9.7	.6	0	.5	14.0	1.9	30.0	.6	.8	.7	23.0	.7	.6	7	2.8	7	.8			23						
24	20.8	22.7	2	2	30.4	25.0	4	4	4	0	.6	4	1.8	.6	.8	32.0	5	21.0	.8	4	.8	.8	.6	.6			24						
25	21.7	23.6	.5	2	4	29.2	24.0	.1	4	1.9	.8	.6	2.2	31.2	.6	.2	0	19.3	.6	.6	.6	3.4	4	.2			25						
26	22.1	24.2	20.4	2	6	27.8	23.0	8.8	4	9	4.1	7	4	.6	2	4	33.2	17.8	.1	5.0	1	4.7	.2	.0			26						
27	0	2	21.2	2	.7	26.6	22.2	6	6	9	6	13.9	.6	32.0	26.8	.8	32.3	0	10.6	.7	3.8	5.6	.2	.0			27						
28	21.6	.0	22.0	2	.9	25.6	21.3	4	.5	.8	.8	2	7	4	2	8	31.7	16.6	.1	6.0	.5	.8	.1	.5			28						
29	.2	23.5	.7	4	34.0	0	20.4	2	4	7	7	12.1	.7	25.5	.8	.1	.6	9.6	5.7	4	.7	.0	.7.4			29							
30	20.6	23.4	.5	1	24.8	19.4	7.9	0	1.6	6	11.0	7	24.8	.9	.0	17.1	2	2	4	3	0	8.1			30								
31	19.6	.9	.2			184	.8	16		10.0	.9			.0		.1		8.8	47		49		.2			31							
Sums																											Sums						
Means																											Means						

Stages here do not agree with those given in Part II, 1890-91. (W.H.)
UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDSStation Memphis Tenn 8 N.M.Data from Stages USE gage (M.R.C.) (~~to tanks~~)

DATE	1890 A.M.												1891 P.M.												SUM	MEAN	DATE
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't			
1	13.4	33.2	31.6	35.4	28.8	26.1	18.4	10.9	8.6	14.3	12.7	16.0	12.2	19.4	33.2	33.8	26.9	12.0	19.2	10.9	11.5	3.2	1.6	9.5		1	
2	6	2	3.2	4	2.9	0	2	.6	.8	13.6	13.4	15.1	14.1	21.0	3	.8	2.59	11.9	0	.8	10.9	.0	.5	1.0		2	
3	6	32.7	4	5	2.	25.8	2	.4	9.0	0	14.2	13.9	16.1	22.4	.4	7	24.8	.8	18.6	4	.4	2.8	4	.4		3	
4	14.2	2	9	<u>35.6</u>	2	4	.3	.2	.4	12.2	9	12.9	18.2	23.5	6	6	23.7	.6	3	.5	.2	.6	3	.6		4	
5	154	31.5	33.2	<u>35.6</u>	2	.2	4	0	.8	11.5	15.4	11.8	19.6	24.5	.8	.5	22.8	4	4	.9	.2	.4	.2	.7		5	
6	16.4	30.6	.6	.5	28.8	24.8	.2	9.8	10.2	.0	5	.0	20.5	25.6	34.0	.4	21.9	.2	6	11.4	.2	.2	.2	.5		6	
7	17.1	29.9	.8	5	2	23.9	17.9	.6	4	10.6	4	10.2	21.0	26.5	3	.5	.2	1	7	12.2	.2	.0	.1	.2		7	
8	.8	1	34.2	.5	27.4	22.8	.6	.3	.6	.4	0	9.6	.5	27.2	.6	6	20.6	.4	.8	.8	.0	1.9	.10	.9.8		8	
9	19.1	28.4	.3	.5	26.5	21.9	2	0	.6	.5	14.5	0	22.0	9	.8	.7	.0	12.6	4	13.2	9.6	.8	.10	.6		9	
10	20.6	4	.5	.5	25.5	20.9	16.8	8.8	.3	.6	0	8.6	6	28.6	34.9	9	19.2	13.8	17.8	.5	2	7	.2	4		10	
11	22.0	.8	.8	.4	24.6	19.8	.4	6	9.8	.5	13.5	.5	23.4	29.0	.8	9	18.6	15.0	.0	6	8.7	.6	.2	.4		11	
12	23.4	29.4	35.0	.3	0	18.8	2	.5	.4	4	0	.5	.8	.5	.6	9	17.8	16.4	16.1	.3	.1	4	.2	.3		12	
13	24.3	.8	2	2	23.6	.1	2	.5	2	2	12.5	.6	24.1	.9	7	9	.1	17.7	15.4	12.7	7.6	.3	.1	.4		13	
14	25.1	30.5	.4	.1	4	17.6	6	.6	8.8	10	0	.5	.3	30.4	7	9	16.4	19.0	.0	11.8	.3	.3	.1	.6		14	
15	26.2	31.0	.5	0	4	.5	1	6	.6	9.8	11.6	.4	.3	.6	6	9	15.8	.6	14.9	.1	0	.4	.2	10.0		15	
16	27.6	.6	<u>35.6</u>	34.9	.3	6	15.6	.6	.8	.7	.5	.5	23.4	29.0	.6	9	.2	20.0	15.0	19.4	6.8	.4	.4	.5		16	
17	28.9	32.0	<u>35.6</u>	6	2	18.0	0	7	9.4	.7	.6	.8	23.8	1	.5	.8	14.6	.0	14.9	9.9	.6	.6	.6	11.2		17	
18	30.0	.3	.5	2	1	6	14.4	.8	10.1	6	7	9.2	.2	2	4	.6	2	19.8	.6	.4	2	.7	.9	.6		18	
19	.8	.5	.5	33.4	0	9	13.9	.8	.7	.4	12.4	4	22.7	.4	.3	6	13.7	.4	2	0	0	.8	2.0	.6		19	
20	31.5	.6	.5	32.1	0	19.2	.5	9	11.4	.2	13.3	.4	.1	.6	2	4	.3	.2	.0	8.9	.56	2.0	.2	.2		20	
21	32.2	.5	.5	31.2	22.9	.5	13.0	9.0	12.2	8.9	14.6	.0	21.4	32.0	2	.7	0	.0	.0	9.2	.2	.0	.6	10.5		21	
22	.4	.0	.5	30.0	.9	.8	12.4	8.8	13.2	.8	15.8	.85	20.8	.2	1	32.9	12.6	18.6	13.8	.9	.0	.2	3.0	.9.9		22	
23	.6	<u>31.4</u>	<u>35.6</u>	29.2	23.0	20.0	11.9	.6	14.4	9.1	16.9	.0	.2	6	.0	.5	.3	.1	.6	10.6	4.8	.2	.2	.4		23	
24	.8	30.6	<u>35.6</u>	28.8	.1	1	.3	.3	15.2	.8	17.7	7.6	19.2	.7	.9	.1	11.8	17.8	.2	11.6	.6	.1	.4	.4		24	
25	33.2	29.9	<u>35.6</u>	6	.3	0	.0	.2	.6	10.6	18.2	.3	18.4	.8	.0	31.5	.4	.7	12.7	13.0	.4	.1	.8	.4		25	
26	.2	.6	.5	.4	.6	19.8	10.6	.1	.8	11.8	.4	.7.2	17.4	33.0	.0	30.8	.1	.9	.2	14.1	.2	1.9	.4	10.1		26	
27	3	30.1	4	4	9	5	.6	.2	16.0	12.3	5	<u>7.2</u>	165	0	33.9	.0	.0	18.4	11.7	.2	.0	.8	.55	11.1		27	
28	3	31.0	3	3	24.5	2	6	.3	0	6	3	.5	.2	.1	.8	2.9.3	1	19.1	.2	13.7	3.8	.7	.64	12.2		28	
29	.3	.3	4	25.1	0	7	.5	15.7	.6	17.8	.8.1	.2	.7	.2.8.6	.2	.5	.1	.4	.7	.75	.13.2		29				
30	.3	.2	6	6	18.8	.8	.6	0	.5	16.9	9.0	.6	.7	2.7.8	.5	.6	.1	12.6	.4	.6	.8.5	14.0		30			
31	.3	3	26.0	9	6	.4	10.2	17.8	.8	.8	.8	.0	.0	.1	.6	.8									31		
Sums	From 1891 Jan 25 Part II, Hoag built Aug 16, 1891 by D.S. pier file Reg. 1 elevates hoist 3 m. above sea level min gage on lower.												gauge zero in 182.71 MSL. Avg. at 254 ft. above land 2nd STN recd. 7.667 ft. A.												Sums		
Means	B.M. #4, Franklin Reg. 250 Pier file in 89.012 ft. down zero.												gauge zero in 182.71 MSL. Avg. in 3.8 ft.												Means		

US gauge Ben Memphis (cont'd) is 80.41 ft

Hg June 23, 1858, 34.4; Mar 26, 1867, 33.85; April 4-5, 1870-35.6 ft.

WB-3-1-SC-50M

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis Tenn 8:00 am

Data River Stages U.S. gage (M.R.C.) (to tenth)

DATE	1888 A. M.												1889 P. M.												SUM	MEAN	DATE		
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Noon	1	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec						
	1	2	3	4	5	6	7	8	9	10	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't						
1	1.4	14.5	22.4	31.1	21.8	24.4	20.0	13.6	18.4	10.3	12.2	16.8	11.3	19.7	2.50	17.9	15.0	13.7	24.1	16.0	6.8	5.3	2.2	21.0	1				
2	..1	13.3	1	.8	20.8	25.0	.3	2	9	9.8	13.2	15.7	8	20.2	24.9	4	13.8	14.1	23.1	15.7	2	2	.3	.5	2				
3	.09	.0	2	32.2	1	3	8	12.8	19.0	1	14.6	14.6	.8	.8	5	16.9	12.8	16.5	21.9	.5	.0	.2	.5	.9	3				
4	<u>0.9</u>	3	1	7	19.7	6	21.4	5	18.7	8.6	15.8	13.8	8	21.3	0	3	11.9	18.7	20.7	6	5.7	2	7	22.1	4				
5	1.2	0	21.9	33.0	.2	.7	22.0	.0	.2	.0	16.4	12.8	6	9	23.4	.0	1	19.6	19.5	.8	4	.1	3.1	21.9	5				
6	2.7	12.8	6	.3	.1	.8	1	11.6	17.6	7.5	.7	11.9	2	22.0	22.9	15.7	10.8	.6	18.5	.8	6	.1	.5	21.6	6				
7	5.7	13.6	1	3	1	26.0	21.9	.1	16.8	6.9	.7	1.09	.0	.7	5	5	.3	17.6	.8	.9	0	4.2	.0	7					
8	8.9	14.4	20.7	7	.1	.6	10.5	.0	.3	.2	10.4	.8	21.5	.5	.4	.4	.0	16.8	.4	6.1	.0	5.4	20.1	8					
9	11.0	.4	5	34.0	.2	.0	20.9	.0	15.4	5.9	15.7	9.8	11.1	20.7	.3	7	2	2	.1	14.9	7.2	0	6.4	19.0	9				
10	12.4	.4	.2	.1	.2	25.7	.2	9.8	14.9	.6	4	8.9	.7	19.6	21.9	.4	.4	.8	15.7	.4	8.5	4.9	7.5	17.7	10				
11	6	6	19.9	<u>34.2</u>	2	.2	19.5	.9	.8	2	.5	.6	12.4	18.5	.2	.1	.7	20.3	.3	13.9	9.6	.6	8.4	16.3	11				
12	1	.8	4	<u>34.2</u>	.2	24.7	.0	10.3	7	4.9	.9	.2	13.6	17.1	20.4	14.7	11.0	.5	.1	.5	10.0	.3	9.2	15.0	12				
13	5	15.0	18.5	1	1	23.9	18.8	.6	5	.7	17.1	7.9	15.1	15.5	19.8	.3	3	9	0	2	.0	.1	10.1	13.9	13				
14	14.1	.2	17.9	33.9	1	.2	19.0	.7	.2	.5	19.4	.6	16.9	14.2	.1	0	.3	21.7	.2	0	9.8	.3	.8	.0	14				
15	16.2	.6	.6	.8	4	22.3	.5	.6	13.8	.3	21.4	.3	18.3	13.2	18.7	13.9	.2	22.4	.3	12.6	.3	.4	11.6	12.3	15				
16	17.5	.8	.9	.6	.7	21.4	19.9	.6	.3	.2	22.8	.3	19.0	12.0	.2	7	10.9	23.0	.3	.1	0	.1	12.7	.0	16				
17	18.6	16.1	18.4	4	20.0	20.6	20.1	3	12.8	1	23.9	.2	20.1	11.3	17.7	.5	.5	0	.5	11.5	8.2	2.8	13.8	.3	17				
18	19.2	.5	.8	.2	4	19.9	.6	.7	4	.0	24.1	.1	.6	10.7	.5	.3	9.9	22.5	16.0	10.9	.7	.5	14.7	.7	18				
19	.9	.6	19.0	32.9	7	.6	21.4	11.9	.2	.0	.2	.1	21.4	.3	.1	4	.6	.0	4	.6	6.9	.3	15.8	13.3	19				
20	20.4	.8	4	9	21.1	.6	22.1	12.5	.1	.1	23.9	.1	.7	16.6	.7	.2	21.9	.3	.4	.6	.1	17.3	.6	20					
21	.9	.9	.4	.7	.3	.9	22.6	13.0	.0	.3	.1	.1	22.6	12.5	.1	14.3	.1	22.1	.0	.4	.5	1.9	18.6	.6	21				
22	.9	17.1	.5	.2	.7	20.4	.6	.2	.0	.6	22.5	.3	23.3	15.5	15.8	15.0	.1	.8	15.8	.4	.5	.8	19.7	.9	22				
23	.8	3	.5	<u>31.4</u>	22.1	.6	.1	2	11.7	.5	3	21.7	.7	.8	18.5	.5	.5	3	23.9	.5	.4	.7	20.5	14.0	23				
24	.6	.5	4	30.4	.3	.4	21.4	.5	.3	6.4	.0	8.1	.8	20.5	.8	.8	10.3	25.1	.5	2	.4	<u>1.6</u>	21.1	13.9	24				
25	.1	.9	.6	28.6	.7	.1	20.4	.7	.0	7.3	.0	.6	.3	22.0	16.6	16.3	12.3	26.1	.0	.5	.6	.5	.8	.0	25				
26	19.6	18.9	20.3	27.3	23.1	19.8	19.3	.7	10.7	8.1	20.7	9.0	22.9	23.3	17.7	17.1	14.2	.5	16.3	9.6	.7	1.6	.5	.8	26				
27	.1	20.2	21.5	25.9	.6	.7	18.1	14.0	.7	.8	.2	1	2	24.2	18.4	.7	15.0	<u>26.16</u>	.6	2	.8	.7	.2	.8	27				
28	18.4	21.3	23.5	24.9	.8	.8	16.9	.7	.9	9.5	19.6	4	21.2	.8	.8	.8	.0	.3	.6	8.8	.6	.8	20.7	.9	28				
29	17.7	22.1	26.5	23.9	9	.9	15.8	15.5	.9	10.1	18.8	7	20.2	.7	.7	1	14.8	25.8	.8	2	.1	.9	.3	14.0	29				
30	16.8		28.8	22.9	24.0	20.0	14.9	16.4	.7	.8	17.9	19.2	19.5	.4	16.2	.5	.1	.5	7.7	5.7	2.0	.5	13.9	30					
31	15.7		30.2		.2	.2	17.5	114		.8	.4		.0	.0					.2	.2	.1		.8		31				
Sums																													
Means																													

Cairo zero is 290.84 ft above Cairo datum plane and 91.16 ft below 337.931 feet below US PBM 1, 1870, Cairo datum plane also 26th floor of Trust Building. Cairo is 48.42 "Means" and Memphis zero (preliminary) is 182.71 m.s.l.

Assuming value of MSL is 211.20 ft above Cairo datum plane from US PBM 2 in Trust Building. Cairo is 48.42 "Means"

(WB-3-1-5C-50M)

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU
DATA SHEET; HOURLY RECORDS

Station Memphis, Tenn 0800 a.m.

Data River Stages, USE gauge (MRC) (to tenth)

DATE	1886 A. M.												1887 P. M.												SUM	MEAN	DATE		
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec					
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't					
1													14.2	23.3	34.8	21.3	28.7	14.0	12.2	7.3	4.4	4.4	1.9	1.7		1			
2													0	250	8	20.2	29.2	13.6	11.9	1	3	2	9	9		2			
3													13.8	26.4	9	19.9	6	.3	9	6.9	2	1	2.0	9		3			
4													5	.8	.8	20.2	.8	.0	9	.7	1	1	0	2.0		4			
5													0	27.7	.9	4	30.1	12.6	12.0	.5	.0	.0	.1	1.8		5			
6													12.6	28.6	35.0	.5	.1	.1	.1	.3	.0	.0	.2	.9		6			
7													0	29.2	.2	.6	.3	11.9	.3	.1	.1	3.9	.3	2.0		7			
8													11.4	.8	.2	.3	29.6	.7	.3	.0	.2	.8	.3	.3		8			
9													10.8	30.5	.3	19.9	.2	.8	.3	.0	.0	.8	.2	.6		9			
10													0	.9	35.3	.3	28.7	12.3	.3	5.9	3.9	.7	.1	.9		10			
11													9.5	31.4	.3	18.6	27.9	.8	2.	.9	.7	.5	.0	3.3		11			
12													2	.8	.3	.1	26.7	13.6	11.9	6.2	.6	4	1.8	.8		12			
13													8.8	32.1	.3	17.5	25.7	14.2	.8	.5	.5	.3	.8	4.4		13			
14													4	.4	.3	.1	23.9	.5	.6	.6	7	.2	.7	.50		14			
15													7.9	9	.3	16.7	22.8	.5	.5	7	4.0	.1	.6	.2		15			
16													.4	33.2	.3	.4	21.8	.5	.2	.5	.2	.0	.5	.0		16			
17													0	.5	.3	.0	20.8	.8	10.8	.4	.3	2.9	.5	4.7		17			
18													6.9	5	.3	15.6	.3	15.6	.5	.2	.3	3.1	.4	.4		18			
19													8	.5	.1	.1	19.6	16.4	.1	5.9	.2	.3	.3	.1		19			
20													.7	.7	.1	14.7	.4	17.1	9.5	.6	.1	.5	1.2	.0		20			
21													9	9	.0	.4	.5	.6	2	.5	.1	3	1.2	.37		21			
22													7.3	34.0	34.9	.6	.5	.7	8.9	.3	.6	0	1.2	.6		22			
23													8.5	.1	.8	15.5	.6	.1	7	.2	5.5	2.7	1.2	.4		23			
24													8	3	7	16.8	.3	16.3	.4	.0	.9	.6	2	.2	.2		24		
25													9	.4	.1	18.6	18.6	15.2	.1	4.8	.9	.4	.4	.0		25			
26													9.8	.6	33.1	21.0	17.9	14.2	7.9	.7	.7	.2	.4	.29		26			
27													11.4	.7	31.4	23.7	16.9	13.7	.8	.5	.6	1	5	.7		27			
28													13.7	.8	29.1	25.9	.0	.1	.6	.4	.2	0	.6	.4		28			
29													16.0	26.7	26.8	15.3	12.8	.5	.3	4.9	1.9	.5	.1		29				
30													18.5	25.2	27.9	14.7	.5	.4	.4	.6	.9	.5	1.9		30				
31													20.9	22.9	.3			.3	.4	.9	.9	.6			31				
Sums																													
Means																													

(WB-8-1-50-50M)

Means

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis, Tenn

8:00 a.m.

Data River Stages, U.S. gauge (M.R.C.) (to tenth)

DATE	1884 A. M.												1885 P. M.												SUM	MEAN	DATE
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec			
1	23.2	18.3	34.2	33.1	29.3	15.4	16.9	10.5	5.6	6.8	9.8	5.9													1		
2	24.2	3	34.2	1	1	1	.8	11.0	8	8.5	.6	6.0													2		
3	.9	5	34.2	.0	.0	.1	.5	.6	6.2	10.1	.4	5.9													3		
4	25.5	9	1	.0	28.8	1	.3	12.0	.5	12.0	.3	.7													4		
5	.6	20.3	1	.0	.6	14.9	.2	.4	.8	.3	.0	.4													5		
6		22.6	33.9	.0	.5	.9	.3	.6	7.1	.9	8.6	.0													6		
7		24.9	7	.0	.5	.9	.3	.6	.3	13.0	.7	4.5													7		
8		27.0	.7	32.9	.5	15.2	.2	.3	.3	12.9	.3	.0													8		
9		24.4	28.8	.5	9	.5	.8	0	2	.1	4	7.9	3.6												9		
10		23.6	30.1	.3	.8	.7	16.1	.0	2	6.7	11.9	.6	.4												10		
11		22.7	.8	32.8	.7	29.0	.5	0	11.8	.3	.5	.2	3.1												11		
12		21.8	31.2	.3	.5	1	.8	0	2	5.8	1	.0	3.1												12		
13		20.7	.8	31.5	.3	.1	17.2	0	10.6	.5	10.8	6.7	.3												13		
14		19.7	32.2	30.8	2	28.9	.8	0	.0	.2	7	4	4.3												14		
15		18.7	.5	4	31.9	.5	18.5	15.8	9.8	.0	.6	2	5.2												15		
16		17.7	.8	.3	.8	.1	19.0	.5	.4	4.8	11.0	1	6.3												16		
17		.0	33.1	4	.5	27.6	.2	0	8.6	.8	.4	5.8	7.1												17		
18		16.5	.4	.5	.1	26.9	3	14.8	.0	.7	.5	.6	8.3												18		
19		.8	.5	.8	.0	25.9	.4	.5	7.6	.7	.6	.6	9.1												19		
20		17.5	.6	31.0	30.9	24.8	.5	.6	.1	.7	4	.6	.7												20		
21		18.1	.7	.1	.6	23.7	.5	15.2	6.8	.6	.2	4	.8												21		
22		.7	.8	4	.5	.0	.3	.4	.5	.5	.0	4	.8												22		
23		19.3	.9	.6	.4	22.4	.0	.0	.2	.4	10.8	.0	.5												23		
24		.6	34.0	.9	.3	21.6	18.7	14.1	5.9	.3	.3	4.6	.2												24		
25		.8	.0	32.1	.1	0	.5	13.2	.7	.3	.0	4	8.5												25		
26		20.0	.0	.3	29.9	20.3	2	12.2	.7	.3	9.8	4	7.7												26		
27		19.7	.0	.5	.7	19.3	17.9	11.4	.9	.4	6	3	.3												27		
28		.5	.0	.8	.6	18.5	.6	10.7	.9	.5	4	5	8.2												28		
29		.1	.0	.8	.6	17.8	2	.4	.8	.8	8	50	9.1												29		
30		18.9	.8	.5	16.6	0	.1	.9	5.6	.9	.5	10.2												30			
31		.5	.9		15.9	.1	.7			.9		12.7													31		
Sums																									Sums		
Means																									Means		

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis Tenn 800 am

Data River Stages, U.S. E. gage (M.R.C.) to tenth

DATE	1882 A. M.												1883 P. M.												SUM	MEAN	DATE	
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec				
1	28.9	34.2	34.6	32.7	24.1	30.4	28.8	15.5	8.9	6.8	5.1	6.3	10.2	22.0	34.7	18.7	32.1	24.8	30.3	14.4	7.3	2.0	6.0	20.0	1	1	1	
2	29.2	.0	.8	.6	.3	.3	.5	.0	.8	.3	.2	.3	4	.1	.6	.9	.0	25.1	.2	13.9	.0	.9	.6	.2	2	2	2	
3	.3	.0	.8	.4	.4	.4	.2	14.5	.8	.0	.2	.3	4	.1	.6	19.5	.0	.4	.1	4	6.5	2.2	7.3	.2	3	3	3	
4	4	.2	.8	.4	.5	.6	.1	.3	.8	5.8	2	3	4	.0	6	20.8	31.9	.5	.0	3	2	3	9.0	.0	4	4	4	
5	4	.1	.8	.3	.6	8	.0	.0	.8	.8	.3	.4	0	21.9	.7	22.5	.8	4	29.8	.7	5.9	.3	10.0	19.8	5	5	5	
6	.3	1	35.2	.2	.7	.9	.0	13.7	.8	.5	.4	.4	9.7	22.1	34.8	24.1	.6	.3	.3	14.4	.6	.3	11.4	.4	6	6	6	
7	3	.3	.1	31.9	7	31.1	.5	.7	.9	.5	.5	.3	2	34.8	25.6	.4	24.9	28.8	150	.5	4	12.4	.1	7	7	7		
8	2	.3	.0	.5	.6	.3	.9	14.4	.9	.4	.5	.6	8.9	21.9	34.8	27.0	30.8	.5	.0	2	4.7	.6	.8	18.5	8	8	8	
9	0	.3	35.2	30.7	.6	4	29.2	15.2	9.3	4	.5	.8	.3	22.2	6	28.1	.0	.3	26.9	14.9	.4	.7	.8	17.9	9	9	9	
10	28.8	.3	.0	29.9	25.2	.5	.5	9	5	4	5	.6	7.9	23.3	.5	9	28.8	2	25.7	7	.3	.9	.3	.0	10	10	10	
11	.8	.3	.0	.2	26.9	.5	.7	16.1	.6	.4	.6	.5	.3	24.7	.3	29.7	27.0	.4	24.2	.4	.3	3.1	.3	15.8	11	11	11	
12	6	.3	34.8	28.8	28.5	.5	30.0	.0	.6	.4	6.0	.3	.0	26.1	.1	30.3	25.1	25.0	22.7	.0	.3	.4	.3	14.5	12	12	12	
13	.9	.3	.7	.5	29.3	.4	29.8	15.8	.4	.4	.2	.0	.1	27.3	33.9	.7	23.2	26.0	21.5	137	.3	.7	13.0	13.2	13	13	13	
14	29.1	.3	.6	.3	30.0	.3	.7	6	.3	4	3	57	2	28.5	.6	31.0	21.8	.3	20.3	.3	1	.9	.5	12.0	14	14	14	
15	4	.3	.6	.0	.5	30.9	.2	.3	.0	.4	.5	.3	.5	29.5	.2	.5	20.5	.8	19.5	12.8	3.9	4.0	.5	11.2	15	15	15	
16	.8	.2	.5	27.8	31.1	.1	28.5	.0	8.5	.2	.8	4.9	.5	30.3	32.3	.7	19.4	27.3	.1	.3	.7	3.9	.6	10.2	16	16	16	
17	30.5	.1	.4	.5	.5	29.2	27.8	14.6	.3	.1	.9	.5	.6	31.1	31.2	32.0	18.5	.8	18.8	11.7	.5	4.0	14.1	10.0	17	17	17	
18	31.0	.1	.3	.5	.7	28.4	.1	.1	.3	.1	7.0	.2	.6	.7	29.7	.2	.0	28.2	.8	2	.3	.3	.4	.97	18	18	18	
19	.4	.0	.3	.6	.9	27.6	26.3	13.8	.3	4.8	.1	.0	.5	32.2	28.4	.3	17.5	.6	19.0	10.8	.2	.5	.7	.4	19	19	19	
20	.7	.0	.2	.5	32.0	.2	25.5	.6	9.0	7	2	3.8	8.0	8	26.4	4	.7	.9	.8	.5	.0	.8	.5	.0	20	20	20	
21	32.0	.0	.2	.1	.1	.2	24.6	.4	10.0	.6	.3	3.5	.6	33.2	24.9	.4	18.3	29.1	20.2	.2	.2	.7	.9	.0	8.7	21	21	21
22	.3	33.9	.1	26.5	.2	.8	23.7	.2	.5	.6	.3	.6	9.5	.7	23.4	.5	19.3	.7	.5	.0	.5	.8	13.4	.3	22	22	22	
23	7	34.0	.0	25.7	.2	28.5	.0	12.8	11.4	.5	.0	.8	10.3	34.1	22.1	.5	20.8	.8	6	9.9	.5	.8	12.6	.0	23	23	23	
24	.9	.0	33.9	24.9	.2	29.0	22.5	.3	11.3	.5	6.8	4.2	11.0	.3	20.8	.4	21.6	30.0	.4	5	.4	.8	.6	7.9	24	24	24	
25	33.2	.1	.8	.1	2	.2	21.9	11.8	10.4	.8	.6	.9	.7	.5	19.9	.3	22.2	.1	19.9	.5	.3	.9	13.0	.9	25	25	25	
26	.4	.2	.7	23.4	2	.3	.3	.3	9.8	.9	.6	5.1	13.1	.5	.4	.0	.7	.1	.2	.0	.1	.50	14.0	.83	26	26	26	
27	.6	.2	.5	.0	.1	4	20.3	10.8	.3	5.0	.5	6.3	15.0	.6	18.8	31.9	23.1	.1	18.3	8.3	.0	.3	151	9.5	27	27	27	
28	.9	.6	4	22.6	.0	.5	19.3	.2	8.6	.0	.5	7.2	17.0	.6	.5	.9	.4	.2	17.2	.2	.0	.4	16.9	12.0	28	28	28	
29	34.0	.2	23.4	31.7	.5	18.2	9.5	.0	.0	4	8.2	18.6	.3	32.0	.7	.2	16.1	.1	.0	.3	18.5	16.0	29	29	29			
30	.1	.0	.8	.2	.1	17.2	.0	7.3	4.9	.4	9.0	20.1	.2	.0	24.2	.2	15.3	7.9	.0	.0	19.4	19.8	30	30	30			
31	1	32.9		30.7		16.3	8.9		5.0		.7	21.3		.3		.6		147	.8		4.9		21.9					
Sums																									Sums			
Means																									Means			

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis Tenn 800 amData Rain Slugs USE gauge (MRC) (to tenths)

DATE	1880 A.M.												1881 P.M.												SUM	MEAN	DATE			
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec						
1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't							
1	2.49	20.5	32.5	32.9	23.7	13.5	19.5	12.7	6.2	3.7	2.9	2.9	7.3	23.5	31.6	29.2	33.1	19.2	19.7	11.9	3.1	6.2	16.3	25.2	1	1	1			
2	27.4	18.9	.6	.8	24.2	14.1	.6	.2	.7	.7	.8	.7	6.5	22.6	.7	.0	.0	18.4	2	.1	.2	.3	.0	.2		2	2	2		
3	.8	.0	.7	.6	.9	.5	11.1	.8	.7	3.0	.9	.5	2.4	.7	28.8	32.9	17.6	18.7	10.4	.8	.3	15.8	.1			3	3	3		
4	28.1	17.2	.7	31.7	26.7	15.1	.5	.0	2.0	.8	.7	3.9	4.4	19.8	4	.5	.8	16.8	.3	.3	.7	.5	.7	24.8		4	4	4		
5	.4	16.3	.5	30.9	27.4	16.2	.4	10.8	.2	.8	4.7	5.3	3.5	18.0	.1	.5	.7	.1	.1	9.5	.5	.9	.8	.3		5	5	5		
6	6	15.6	.5	29.9	28.0	.6	20.1	.2	.4	.9	.5	9.5	.0	16.5	30.5	.4	.6	15.5	.2	.2	.4	7.8	16.0	23.4		6	6	6		
7	27.9	14.9	.5	28.9	1	12.0	22.3	9.6	.6	4.2	.0	11.5	3.7	14.9	29.8	.1	.6	2	.5	.0	.4	8.9	.1	22.4		7	7	7		
8	.9	.7	.3	.0	.3	.1	23.5	.2	.7	.5	.0	14.6	.6	13.7	28.7	.0	.6	.1	.7	.8	.3	10.0	.4	21.1		8	8	8		
9	.5	.4	.2	27.5	.3	.3	24.0	8.6	.8	.6	.2	15.7	.5	12.9	27.3	27.8	.6	.3	.7	.6	.3	.8	17.0	19.7		9	9	9		
10	.0	.1	.1	.1	.2	.5	25.0	.0	.9	.7	.7	18.5	.4	13.2	25.7	.6	.7	.4	.5	.3	.2	11.3	.4	18.4		10	10	10		
11	.5	.0	.0	26.9	27.6	.6	.4	7.5	.9	.6	.6	5.5	.2	20.7	.4	.7	24.4	.4	.7	.2	.0	.0	2.1	.7	.8	17.2		11	11	11
12	28.3	13.9	.3	.6	.3	.6	.5	.8	8.0	.5	7.2	21.4	.4	15.0	23.5	.4	.6	.0	17.3	7.5	2.1	12.2	.9	16.0		12	12	12		
13	29.4	14.0	.4	.4	26.3	16.9	.2	.7	.3	4	8.4	22.7	.6	19.5	22.8	28.4	.6	14.8	16.4	.1	.2	.6	18.0	15.2		13	13	13		
14	.9	.9	.6	2	24.8	.2	24.8	.6	.5	2	9.4	23.0	.3	23.0	.2	.8	.5	.8	1.5	.3	.7	.2	.8	.2	14.6		14	14	14	
15	30.3	16.7	.8	.0	23.6	.0	.3	.5	.6	3.8	10.4	22.8	4.0	25.8	21.7	29.4	.2	15.0	14.2	.3	.3	.9	.7	.0		15	15	15		
16	.8	18.5	.9	25.4	21.8	15.9	.0	.4	.3	.5	.7	.4	.5	27.2	.7	.9	31.8	.7	.3	13.2	.5	.4	13.0	19.3	13.5		16	16	16	
17	31.0	22.1	33.0	24.9	20.8	.7	23.4	4	7.7	.3	.8	21.1	7.9	28.0	22.1	30.4	.0	16.5	12.5	.5	.5	.0	.9	.4		17	17	17		
18	.3	24.2	.0	.5	19.3	.4	22.5	.4	.0	.2	.5	19.7	9.3	.6	.8	.8	30.1	17.3	.3	.1	.6	12.9	20.5	.4		18	18	18		
19	.5	26.0	.1	23.9	18.0	14.7	21.6	.3	6.4	.5	.3	17.7	10.4	29.1	23.5	31.2	29.0	18.0	.3	4.8	.8	.7	21.0	.3		19	19	19		
20	.6	27.4	.2	.9	16.9	.3	20.7	.3	5.9	.6	.9	7.7	15.6	11.3	.5	24.1	.5	27.8	19.1	.3	.6	.9	.5	.8	15.0		20	20	20	
21	.4	28.4	.3	.9	.2	.0	19.8	6.9	.5	.4	.0	13.8	12.3	.8	.7	.8	26.7	20.4	13.0	.5	3.2	.4	22.6	16.4		21	21	21		
22	.5	29.2	.3	24.0	15.5	13.8	18.9	.9	.2	.2	8.5	12.4	13.3	30.1	25.9	32.2	25.4	21.5	.3	4	.7	.4	23.4	18.1		22	22	22		
23	.5	30.0	.4	.5	.0	14.9	.2	.4	.0	.2	.0	11.4	15.5	.5	26.8	.5	24.4	22.3	.5	4	4.1	.5	2.4.2	20.0		23	23	23		
24	.6	33.4	.8	14.6	15.4	17.3	.2	4.9	.3	7.6	10.4	17.3	.7	27.6	.8	23.5	.7	.7	.3	.2	13.7	.7	21.6		24	24	24			
25	.3	31.1	33.4	.9	.4	16.0	16.3	5.9	.6	4	6.3	.1	19.5	31.0	28.1	33.0	22.6	.8	.9	.1	.3	14.5	25.1	23.0		25	25	25		
26	28.9	4	33.4	.9	.2	.5	15.7	.6	.4	.4	.5	.7	9.8	20.9	.0	.5	.2	21.8	.6	14.0	.3	.3	15.1	.3	24.2		26	26	26	
27	27.5	.7	33.4	.8	.0	17.9	.2	.3	.1	.3	4.9	.4	22.2	.2	.8	33.3	.2	.1	13.9	.8	.3	.5	.3	25.3		27	27	27		
28	26.2	32.1	33.4	4	13.9	18.3	14.5	.0	.0	.1	.5	.0	23.0	.5	29.1	33.3	20.8	21.6	.8	.7	.9	16.0	.1	26.5		28	28	28		
29	24.7	3	33.4	.0	.7	.9	.0	.0	3.8	.2	3.9	8.9	.6	.3	.2	.2	.2	20.9	.6	.7	.5	.8	.2	.1	27.4		29	29	29	
30	23.3		3	23.9	.5	19.3	13.6	.3	.7	.8	.3	.5	24.0	.3	.2	.0	.3	.3	.4	.6	.4	.2	.2	28.1		30	30	30		
31	22.0								.1	.8	2.6	7.8	.0	.4	19.7			12.7	.3	.4			.6				31	31	31	
Sums																														
Means																														

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU
DATA SHEET; HOURLY RECORDS

Station Memphis Tenn.

8 am

Data River Stage, USE gauge (MRC) (to tenths)

DATE	1878												1879												SUM	MEAN	DATE		
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec					
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't					
1	17.0	16.0	254	16.4	29.0	23.4	18.8	11.8	8.5	8.1	3.1	5.3	10.0	26.7	19.0	24.4	16.8	7.8	11.3	10.6	7.9	2.4	3.1	7.3	1	1	1		
2	18.2	17.2	.5	157	29.1	0	5	12.0	.5	7.4	0	6	9.0	0	18.7	3	158	8.5	6	4	8.4	.2	.6	.6					
3	19.1	18.4	.6	.3	28.8	22.7	2	.3	.5	6.6	2.9	6.5	8.3	25.3	.2	1	0	8	12.8	0	.6	.1	.1	.9					
4	20.0	19.5	.6	.1	.3	.3	.1	.9	.3	6.9	3.2	9.5	7.8	24.7	17.8	23.9	14.0	9.6	13.3	9.6	.6	1.8	1.8	8.4					
5	.6	20.2	.6	14.7	27.6	21.8	.1	13.4	7.8	.4	.6	12.9	0	.6	4	.9	13.4	10.1	.9	.2	9.0	.6	.5	.5					
6	.7	.5	.6	.3	26.9	.3	.3	.4	.3	4.8	4.0	15.7	6.1	.6	0	.9	12.7	.5	14.6	.0	10.6	.4	.3	.8					
7	.6	.8	.8	.3	4	20.9	.5	.1	6.7	.6	.3	17.1	5.6	.6	0	.9	.0	11.0	.7	8.9	11.6	.2	.2	.9					
8	.2	.8	.8	.3	.2	.6	.7	12.9	.2	.2	.4	19.0	4.7	.9	0	2.4	11.4	.5	.1	.9	12.5	.1	.1	.3					
9	19.5	.6	.6	.3	25.9	.5	1.90	.7	5.9	.0	.6	7	3	25.4	16.9	.2	10.8	.9	13.1	.8	.6	.1	.1	.9					
10	18.7	.2	.4	.6	.7	.4	.3	.5	.7	3.9	.7	.8	.0	.9	.8	.1	.2	12.0	12.7	.8	.5	.1	.1	11.2					
11	17.6	19.7	.2	.8	.5	.3	.3	.3	.5	.7	.8	.6	3.6	26.2	.7	23.7	9.8	11.8	.1	9.1	.1	.1	.1	12.3					
12	16.1	.0	24.8	150	.2	19.9	3	.1	.3	6	8	4	8	3	4	.1	.6	8	11.7	.5	11.4	.1	.5	13.1					
13	14.9	18.8	.5	.3	24.8	.6	18.7	.0	.2	6	.8	4	4.5	.1	0	22.9	4	7	4	.6	10.6	.1	.3	14.7					
14	13.8	19.1	.8	.8	.3	.5	.3	.0	.0	.5	.7	.7	5.8	2.53	.0	.8	.2	.7	.0	.5	9.3	.2	.3	16.4					
15	12.6	.9	25.7	16.5	23.6	.7	17.9	11.8	4.8	.4	.6	20.0	7.8	24.7	3	.4	.1	4	10.6	.2	8.3	.4	.5	18.2					
16	11.7	20.6	26.5	17.0	21.8	.9	16.8	.5	.5	.4	.5	2	10.5	.6	17.1	.6	0	0	.2	8.9	7.6	.4	.5	19.8					
17	.2	21.1	27.0	.3	22.2	20.3	.0	.2	.3	.4	.3	.2	12.7	.5	18.0	.9	8.8	10.9	9.9	.5	6.9	.3	.9	21.0					
18	.0	.4	.4	.3	21.6	.6	153	10.8	.2	.3	.2	1	14.7	21.3	.8	9	6	9	9	2	2	.3	2.0	.7					
19	.2	.7	.7	.3	.1	21.0	14.7	.4	0	.2	.0	19.9	16.3	19.6	19.6	24.0	4	.9	10.1	7.7	5.7	.6	.4	22.1					
20	12.2	.9	.8	.4	20.8	.3	.3	.1	3.9	.1	3.9	.9	18.2	18.3	.9	23.8	.3	.9	.3	.3	.1	.8	3.7	.4					
21	13.3	22.2	.7	.5	.5	.5	.0	9.7	.8	.1	.8	20.1	20.2	17.0	20.6	.6	.3	.8	.4	6.9	4.6	.9	5.9	.4					
22	14.9	.3	.4	18.0	.4	.5	13.7	.4	.8	0	.7	.1	22.5	16.6	21.3	.3	.3	.6	3	.7	.1	2.1	6.8	.0					
23	16.1	.3	26.9	19.4	.7	.3	.4	.0	5.9	.0	.6	0	24.4	.9	.7	22.9	.2	.9	.3	7.0	3.9	.3	8.0	21.6					
24	.8	.3	.1	20.8	21.5	.1	.1	8.7	8.8	.2	.7	19.6	2.57	17.8	22.0	.6	.1	11.4	.2	.2	.6	.6	.9	20.6					
25	17.0	.3	25.2	22.3	22.9	.0	12.9	.4	10.8	3.0	.9	.1	26.6	18.3	.3	.0	7.8	.9	2	.2	.5	.6	9.0	19.9					
26	.0	22.9	24.0	23.8	23.9	20.8	.7	.3	11.6	.2	4.1	18.2	27.1	.7	.8	21.4	.5	.9	.1	6.8	.3	.5	8.9	.4	26	26	26		
27	16.8	23.8	22.7	252	24.5	4	7	.7	.4	.4	.3	16.9	.7	19.0	23.3	20.5	5	.8	9.8	7.1	.1	.9	.6	20.3					
28	.6	24.7	21.4	26.6	.7	0	.6	9.3	10.8	.5	.6	154	.9	0	.9	19.6	4	.8	.8	7	2.9	.3	.4	21.5					
29	.0	20.0	27.8	.6	19.6	.5	.5	.0	.5	.8	13.9	28.1	24.3	18.6	.4	.6	10.0	.8	.7	.8	.3	.3	23.1						
30	15.8	18.6	28.5	.3	2	.2	.2	9.0	.4	.50	12.4	27.8	.4	17.6	.4	.3	.2	.0	.6	.8	.8	.3	24.7						
31	.7	17.4	23.9				.0	8.7	.2		11.0	.5	.4											25.7					
Sums																											Sums		
Means																											Means		

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station - Memphis, Tenn.

8:00 a.m.

Data Area Stage USE gauge (MRC) to tanks

DATE	1876 A.M.												1877 P.M.												SUM	MEAN	DATE	
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec				
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't				
1	19.7	31.1	30.3	33.4	32.6	19.1	21.3	16.4	10.6	13.7	6.6	7.3	1.1	27.9	9.7	23.1	31.9	19.6	21.8	13.7	5.8	4.9	7.3	12.2		1		
2	21.6	4	29.0	.6	.5	18.6	.3	15.5	.5	14.2	.9	6	0.8	26.9	.3	.4	.8	18.5	22.4	.5	.8	.6	.6	13.1		2		
3	23.1	.8	27.4	.8	.0	17.1	.2	.1	.1	.6	2.0	.9	9	2.54	8.9	.9	.7	12.6	.7	.3	.7	.2	.6	14.0		3		
4	24.4	32.0	26.2	9	31.5	.0	.1	14.7	9.9	15.0	6.9	8.2	1.3	23.8	7	24.9	5	16.9	23.1	.1	.6	3.8	.4	15.4		4		
5	25.5	.2	23.4	34.0	.0	16.9	20.9	.0	.6	14.8	7.4	.4	1.8	22.2	.6	25.8	.2	.3	.1	12.8	.6	.4	.1	16.7		5		
6	26.4	.4	20.9	.0	30.4	17.0	.7	13.1	.6	.4	8.3	.5	2.1	19.7	.5	26.8	30.7	.8	.2	.4	.5	.1	.0	17.2		6		
7	27.2	.6	18.4	.1	2	3	6	12.5	.9	13.8	9.2	.2	.5	17.9	.4	27.7	.2	17.5	.1	.0	.6	2.9	.0	.0		7		
8	28.1	.8	16.2	34.1	.1	.6	.8	11.9	10.0	.3	9.9	7.9	.7	15.4	.3	28.5	29.6	19.3	22.8	11.6	.8	.8	7.9	16.2		8		
9	.9	.9	14.0	34.1	.2	.7	21.4	.6	9.9	12.8	10.0	.1	3.5	.0	5	29.2	.0	20.9	.3	.2	6.2	.7	8.4	15.0		9		
10	29.4	33.0	13.1	.1	.6	.8	22.0	.5	10.1	.3	9.9	6.3	.8	.3	.8	.2	28.6	21.6	21.7	10.8	.4	.6	.7	13.9		10		
11	.8	.0	12.4	.0	31.0	18.1	.6	.6	11.1	11.8	.6	5.6	.1	.7	9.1	.3	.0	.8	20.8	.3	.3	.7	.8	12.8		11		
12	.8	.0	.3	.0	.4	.4	23.0	.3	12.3	.4	.5	.0	2.9	16.1	.6	.3	27.3	22.0	19.9	9.8	.2	.8	.7	11.8		12		
13	.1	.0	.8	.1	.7	.5	.3	.2	13.0	.0	.4	4.5	3.1	.6	10.2	.5	26.7	.5	.1	.4	.1	.9	.6	11.1		13		
14	28.1	32.9	13.6	.0	32.1	.2	.4	.3	.5	10.6	.4	2	.8	17.1	11.6	30.0	.4	23.3	18.4	.0	.0	3.0	.3	10.8		14		
15	26.4	.9	15.4	33.8	.3	17.8	.5	.4	.8	.3	.3	3.9	4.6	.3	13.6	.4	.2	24.3	17.9	8.6	.5	.9	.2	.5		15		
16	23.7	.7	18.4	.6	.4	.4	.6	.6	14.2	9.9	.2	.6	.53	.1	15.9	.9	26.0	.9	.5	.3	.8	.7	.0	.4		16		
17	20.7	.6	21.2	.4	.6	.0	.7	.7	.4	.5	.1	.4	6.2	16.7	17.7	31.3	25.8	25.0	.2	.0	.8	.5	.7	.3		17		
18	19.5	.4	23.4	.2	.7	.3	.6	.7	.6	.1	8.8	.1	7.4	.0	19.8	.6	.7	.1	.0	7.7	.7	.5	.6	.6		18		
19	.1	.3	25.2	.0	.9	18.4	.5	.6	9	8.6	.6	2.9	10.2	15.2	22.0	.8	.9	.2	16.8	.5	.6	.6	.7	.9		19		
20	.3	.2	26.2	32.9	.8	19.3	4	.3	15.0	.1	.4	6	13.5	14.4	.8	.9	26.1	.3	.3	.3	.5	.7	8.0	11.0		20		
21	21.1	.1	27.3	.9	.7	20.3	.3	.1	.2	27	.2	.4	18.6	13.8	23.2	.8	.2	.4	15.9	.1	.3	.9	.5	10.7		21		
22	23.0	.1	28.4	9	.5	21.2	.2	10.9	.4	.1	.0	.2	21.4	.2	.4	.6	.3	.1	4	6.8	.3	3.0	9.0	.4		22		
23	24.8	.0	29.3	9	31.9	.6	.0	11.1	.8	6.7	7.8	.0	23.1	12.6	.6	4	4	24.7	.1	.5	.1	1	.2	.1		23		
24	26.3	.0	30.2	.9	.0	.9	22.7	.3	.7	.5	.7	1.8	24.5	.0	.6	.2	0	.2	.1	.3	0	.2	.2	.9		24		
25	27.2	.0	31.1	.9	29.5	.7	.3	.5	.5	.4	.6	9	25.9	.0	.6	.1	25.4	23.5	.3	.1	.1	.5	.7	.8		25		
26	28.1	.1	32.3	.9	27.9	.1	21.8	.7	.2	.3	.5	2.1	26.8	11.4	.5	4	24.7	22.8	.5	.0	.4	4.0	.8	10.1		26		
27	.5	.0	32.7	9	26.0	20.7	.1	7	14.8	.2	.4	.1	27.5	10.8	.4	.8	.1	.4	.0	.7	.7	10.2	.8		27			
28	29.1	.3	31.8	.9	9	23.8	.8	20.3	.5	.3	.1	.3	1.9	28.0	.2	.3	32.0	23.5	21.6	.1	.0	.8	.5	.7	11.5		28	
29	.8	.5	33.0	.8	22.0	9	19.5	.2	13.8	.0	.2	.6	28.3	.0	32.1	22.8	.2	14.8	.5	.6	6.2	11.1	12.7		29			
30	30.2	.1	7	20.5	21.2	18.6	10.9	.5	.1	.1	1.2	.5	22.9	.0	.2	.3	.4	.9	3	.7	.5	14.0			30			
31	.8		3		19.7	17.8	.6		.3		5	.7	23.0		21.2			.0	.9	9			15.3			31		
Sums																									Sums			
Means																									Means			

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU

DATA SHEET; HOURLY RECORDS

Station Memphis, Tenn.

8 w am

Data River stages U.S. gauge (SSRC) (to tenths)

DATE	1874 A.M.												1875 P.M.												SUM	MEAN	DATE
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't				
	1	2	3	4	5	6	7	8	9	10	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't				
1	17.2	24.1	30.7	32.2	34.0	12.8	11.3	7.2	3.9	4.4	2.7	6.1	9.9	9.9	8.1	32.9	18.9	15.5	21.2	31.7	13.3	12.6	4.8	14.9	1	1	1
2	16.1	24.8	31.4	3	34.0	2	10.8	.2	.9	.5	.6	.8	10.8	12.5	11.8	.7	19.6	1	.6	.7	12.7	11.8	.7	15.9			
3	14.4	25.5	7	2	.8	11.8	3	1	9	6	5	7.4	12.1	14.9	16.1	8	20.5	14.5	22.0	.8	12.2	.1	.5	16.8			
4	12.5	.8	32.0	2	33.9	4	9.9	2	9	8	4	.3	13.2	16.5	20.0	6	22.0	1	4	.9	11.6	10.6	.5	17.8			
5	10.7	.7	.2	0	.9	.1	.6	.5	.8	.9	.3	.1	14.1	18.0	22.4	.5	23.9	13.9	.9	32.1	.3	.1	4	18.3			
6	.96	.5	.5	31.8	9	10.9	.3	.7	5.2	5.0	.2	.1	15.1	19.2	24.3	.3	25.5	.7	23.4	.2	.0	9.6	.4	.4			
7	.85	.0	.8	.4	.8	.7	.2	8.0	7.1	4.6	0	6.9	16.2	20.3	26.0	2	26.7	.5	.5	.4	10.8	.1	.3	.2			
8	.1	24.4	33.0	.0	.8	4	.1	.3	8.8	.3	1.8	7.0	17.0	21.1	27.4	2	27.5	.4	.6	.5	10.7	.85	.3	17.5			
9	.77	23.8	.2	30.7	7	.1	.1	.5	.9	.1	.6	.2	.5	4	28.6	.1	.9	.5	.7	.6	.5	.0	.2	16.8			
10	.7	22.8	.2	.4	.7	9.7	.0	.6	.2	.0	.6	.0	18.1	.5	29.1	.1	28.2	14.6	.8	.7	.4	7.5	.2	15.8			
11	8.8	21.2	.3	.3	.6	.3	8.9	.5	7.3	3.9	.6	6.9	17.9	.2	.5	.0	.1	15.5	24.2	.9	.3	.2	.1	.1			
12	11.6	19.5	.3	.5	.5	8.9	7.7	2	6.6	.9	.6	.7	2	19.8	.9	31.9	27.8	16.1	.8	.9	.1	.0	.3	14.7			
13	13.8	18.1	.3	.7	.4	.5	8.6	7.8	5.8	.8	.6	3	16.3	18.5	30.3	.8	.2	.4	25.3	33.0	0	6.8	.4	.5			
14	16.4	16.8	.4	.9	.3	7	.8	.2	1	.7	.6	5.8	14.8	17.3	.4	.7	26.5	.3	26.0	.0	.6	.7	.8	.3			
15	19.2	15.3	.4	31.3	.1	9.1	9	6.7	4.5	.7	.5	.3	13.3	15.1	.7	.6	25.7	.0	.7	33.1	11.4	.7	5.4	.4			
16	21.1	14.7	.4	.9	32.8	10.5	.9	.1	.1	.6	1.4	4.9	17.0	13.8	.9	.5	24.9	15.6	27.4	33.1	12.1	.6	6.3	.6			
17	.9	.9	.2	32.4	.5	11.6	9	5.5	3.7	.7	.6	.7	10.4	12.4	31.0	3.09	.1	.4	28.0	33.1	.8	.6	7.2	.7			
18	22.6	15.1	.1	.8	31.9	12.5	.9	.2	.5	.7	2.0	.6	8.6	11.2	.3	.1	23.1	.2	.5	.0	13.2	.5	.3	8.3	.8		
19	23.2	.8	.0	33.1	30.5	7	.8	0	.1	7	.4	4	7.1	10.3	.6	29.2	22.2	0	.9	32.9	.1	.5	9.1	15.0			
20	.7	16.6	32.9	.4	28.1	.8	.6	4.6	2.9	.6	.9	.3	6.4	9.7	.8	28.1	21.4	15.3	29.3	.8	.1	.4	.7	14.8			
21	.4	18.1	.8	.6	25.4	13.0	.3	.4	.7	.6	3.2	.1	5.8	.3	32.0	26.9	20.6	.8	.7	.6	.0	.4	.8	.4			
22	.1	20.0	.6	.7	22.6	.3	.0	3	.5	.6	.4	1	2	8.9	.2	25.6	19.8	16.3	30.1	.2	12.8	.3	10.0	13.5			
23	21.8	22.6	.4	.7	20.8	.6	7.7	2	3	4	.6	0	4.6	.6	2	24.2	.0	.8	.5	31.3	.7	.3	0	12.6			
24	20.3	24.5	.1	.8	19.1	.9	.4	.1	.5	.3	.7	.0	.3	.4	4	22.8	18.2	17.2	.8	29.8	13.0	.2	.1	11.9			
25	18.1	26.4	31.8	.8	17.7	.8	.3	3.9	3.1	.2	9	41	.1	.2	.5	21.5	17.5	18.1	31.1	28.2	4	.1	.3	11.3			
26	17.5	27.8	.6	.8	16.7	.6	.3	8	.5	.1	4.2	9	3.7	.0	.6	20.4	.1	19.1	.2	26.4	14.1	.0	.7	10.8			
27	16.4	29.1	.5	.9	15.7	.2	4	.7	.6	.1	.5	5.6	3.2	7.6	.7	19.6	16.9	.6	4	24.5	15.0	.59	11.3	.3			
28	17.4	30.3	.6	.9	14.7	12.8	.6	.8	.9	.0	.9	6.4	4	.2	.8	.0	.7	20.0	.5	22.2	14.8	.7	12.2	.8			
29	19.6	.8	.9	0	.1	6	.8	4.2	.0	50	7.2	.9	.9	18.5	.6	.4	.6	19.7	.4	.5	13.1	11.9					
30	21.4	.9	34.0	13.5	11.7	.5	.8	3	2.9	2	8.1	5.2	.8	4	3	8	.6	16.9	13.5	.3	14.0	14.8					
31	22.9	32.1	.1		4	.8					9.0	7.4	.9	15.9		.6	15.0		.0								
Sums																									Means	Means	
Means																											

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU *WB disposition
of documents*

DATA SHEET; HOURLY RECORDS

Station Memphis Tenn.

8:00 a.m.

Data Rain Stager, USE gauge (in.) (to tenth)

DATE	1872												1873												SUM	MEAN	DATE	
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec				
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't				
1	0.0	1.5	10.0	9.6	27.3	17.4	13.2	16.2	6.7	2.7	0.7	0.7	8.6	16.9	32.2	22.6	22.8	24.9	19.4	13.8	5.2	2.1	1.6	8.4	1	2	3	
2	1.8	0.9	.1	.8	25.2	16.7	12.8	.0	6	.9	7	.5	7.7	.5	4	23.7	.6	25.5	.1	.6	2	.0	.9	.9.3				
3	2.2	7	.0	.9	23.4	.3	.4	15.9	2	3.0	6	.4	6.7	15.9	32.5	24.4	.7	.8	.4	.1	.3	1.9	2.1	.9				
4	3.0	-0.2	0	10.1	21.2	15.5	.0	7	5.9	1	.5	.2	5.9	13.7	4	25.2	23.3	26.0	.8	12.9	2.	.8	3.8	10.4				
5	.7	-0.1	9.8	.9	19.6	14.6	11.6	4	.5	.2	.5	.1	.2	12.0	.3	.9	24.2	25.5	20.2	.3	.1	.9	5.1	.9				
6	4.1	.0	.6	12.4	17.8	0	.7	14.7	.2	3.0	.5	-0.1	4.6	11.2	31.9	24.7	.7	24.6	.0	11.9	4.9	.9	1.2	11.8				
7	.5.3	+0.1	.4	13.6	16.9	.2	.7	13.9	.0	2.8	.5	-0.2	.4	10.6	.1	27.4	25.3	23.7	19.8	.4	.8	.9	7.1	12.6				
8	6.0	.2	.3	14.2	15.7	.4	.8	2	4.8	.6	.5	-0.3	.8	4	30.2	.6	.8	22.8	.9	10.7	.7	.8	.5	13.6				
9	7.0	.2	.2	.9	3	.9	.9	12.3	6	.5	7	-0.4	5.5	9.9	29.1	28.2	26.2	.2	20.1	.4	.6	.7	.4	14.5				
10	8.9	.4	.1	15.8	14.7	15.3	12.0	11.5	.5	.3	1.1	-0.45	7.0	.5	27.6	.8	.7	21.7	.4	9.9	.5	.6	.3	15.7				
11	9.4	.6	8.9	18.1	.1	.6	11.7	10.8	4	.2	1.8	-0.5	8.9	10.4	25.6	29.5	27.0	.2	21.0	.6	.4	.5	.1	17.0				
12	.9	1.0	.8	20.5	13.2	.8	4	4	.3	1	2.4	-0.3	10.8	11.5	23.1	30.0	.2	20.9	.5	.1	.6	.4	6.9	18.1				
13	.9	4	9	23.8	12.3	16.4	0	9.7	0	0	.8	-0.2	11.9	14.1	20.6	.8	.4	.8	.9	8.9	.4	.4	.1	19.3				
14	10.0	2.2	9.1	26.2	11.6	17.3	10.5	8.8	3.8	1.8	3.1	-0.1	12.8	17.6	18.5	31.7	.6	.6	22.2	.6	.1	.3	.5.7	.3				
15	.0	.7	.5	28.1	.1	.9	.2	.1	.7	.8	.5	-0.15	13.6	20.9	16.6	.8	28.3	.9	.6	.4	3.9	.3	.5	20.6				
16	9.7	3.2	.7	29.6	10.5	.9	.1	7.5	.5	.7	2.8	-0.2	14.0	23.2	15.7	.8	.8	21.2	.8	.2	.7	.2	.2	21.6				
17	.5	.4	10.1	30.1	11.4	18.5	.0	.3	4	.6	.6	-0.3	.3	24.5	14.8	.9	29.2	.4	.7	.0	.6	.2	.2	4.7	22.9			
18	8.9	.6	.5	5	12.2	19.0	9.9	.1	.3	.6	.4	-0.25	13.0	26.3	.7	.8	.6	.2	2.8	.5	.3	.1	.1	.24.0				
19	.1	.8	.9	.7	13.7	.3	10.5	6.8	.2	.5	2	-0.15	12.3	27.4	15.0	.7	30.4	.5	21.6	.5	.4	.3	.3.6	.256				
20	7.6	4.0	11.4	34.0	14.4	.2	11.6	.6	.1	.5	.3	-0.2	11.9	28.3	.2	.7	.4	.6	20.6	.3	.3	.3	.2	24.2				
21	6.8	.3	.9	.2	15.2	18.8	12.6	.6	2.9	.4	.6	-0.1	.7	29.2	.5	.6	.1	.8	19.7	.0	.2	.3	.2.9	.8				
22	.1	.6	.8	.3	.8	4	13.3	7	.8	.3	.9	-0.4	.9	30.1	.9	.4	29.7	.9	18.2	.6.5	.1	.2	.8	.7				
23	5.5	5.0	.6	4	16.1	17.4	.2	.8	.7	.3	3.0	-0.5	12.0	.6	16.7	0	.2	.6	17.7	.3	2.8	.2	.8	.1				
24	.9	.7	.9	31.5	.4	16.9	.1	9	.6	.3	2.8	-0.75	11.6	.9	17.3	30.4	27.7	.5	16.8	.0	.7	.2	.7	255				
25	4.5	6.6	.3	3	17.1	.4	12.9	7.0	.5	.2	.3	-0.95	12.0	31.3	.8	29.6	26.2	.3	16.1	.5.7	.6	.2	3.0	24.6				
26	.1	7.6	.6	.2	.5	15.9	13.1	6.9	.5	1	.0	-0.9	.5	6	18.2	28.5	25.1	20.0	15.8	.5	.5	.1	.5	.3				
27	3.8	8.7	.5	30.9	.8	.4	.6	.8	4	.1	1.8	+2.7	13.2	.8	.4	27.2	24.3	.6	.1	.4	.3	.1	4.3	.0				
28	.1	9.6	.1	.6	.7	14.6	14.3	.6	4	.0	.5	4.8	15.4	32.0	.6	26.1	23.4	.1	14.9	.3	.2	.1	5.2	22.2				
29	2.7	.9	10.5	29.6	.6	0	15.2	.5	.5	.9	.2	6.3	16.4	.9	24.9	22.6	.1	7	.2	.2	.1	6.3	21.1					
30	.5	.0	28.0	7	13.5	.9	.6	.6	.8	.0	8.1	17.6	.9	19.7	23.1	23.1	19.8	.2	.0	.1	1.0	.1	74	19.9				
31	1.6	9.6	.6	16.2	.7	.7	.7	9.7	.2	20.8	.7	0	.1	.1									18.8					
Sums																												Sums
Means																												Means

zero 203.97 above Datum Plane + 1.14 ft above Survey Stake.

(WB-3-1-5C-50M)

UNITED STATES DEPARTMENT OF COMMERCE, WEATHER BUREAU
DATA SHEET, HOURLY RECORDS

Station Memphis Tenn8 m a.m.

Data River Stage USgage (in ft) (to tenths)

DATE	A. M.												P. M.												SUM	MEAN	DATE	
	1	2	3	4	5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	9	10	11	Mid't				
1																									2.7		1	
2																									.6		2	
3																									3.0		3	
4																									.1		4	
5																									.2		5	
6																									.3		6	
7																									.27		7	
8																									.2		8	
9																									.19		9	
10																									.06		10	
11																									.8		11	
12																									1.0		12	
13																									.7		13	
14																									.2		14	
15																									.8		15	
16																									.2		16	
17																									.7		17	
18																									.8		18	
19																									.4		19	
20																									2.0		20	
21																									1.9		21	
22																									2.0		22	
23																									.0		23	
24																									.1		24	
25																									.2	-0.1	25	
26																									.5	-0.3	26	
27																									.7	-0.5	27	
28																									.8	-0.8	28	
29																									.8	-0.9	29	
30																									.7	-0.9	30	
31																									0.0		31	
Sums																												Sums
Means																												Means